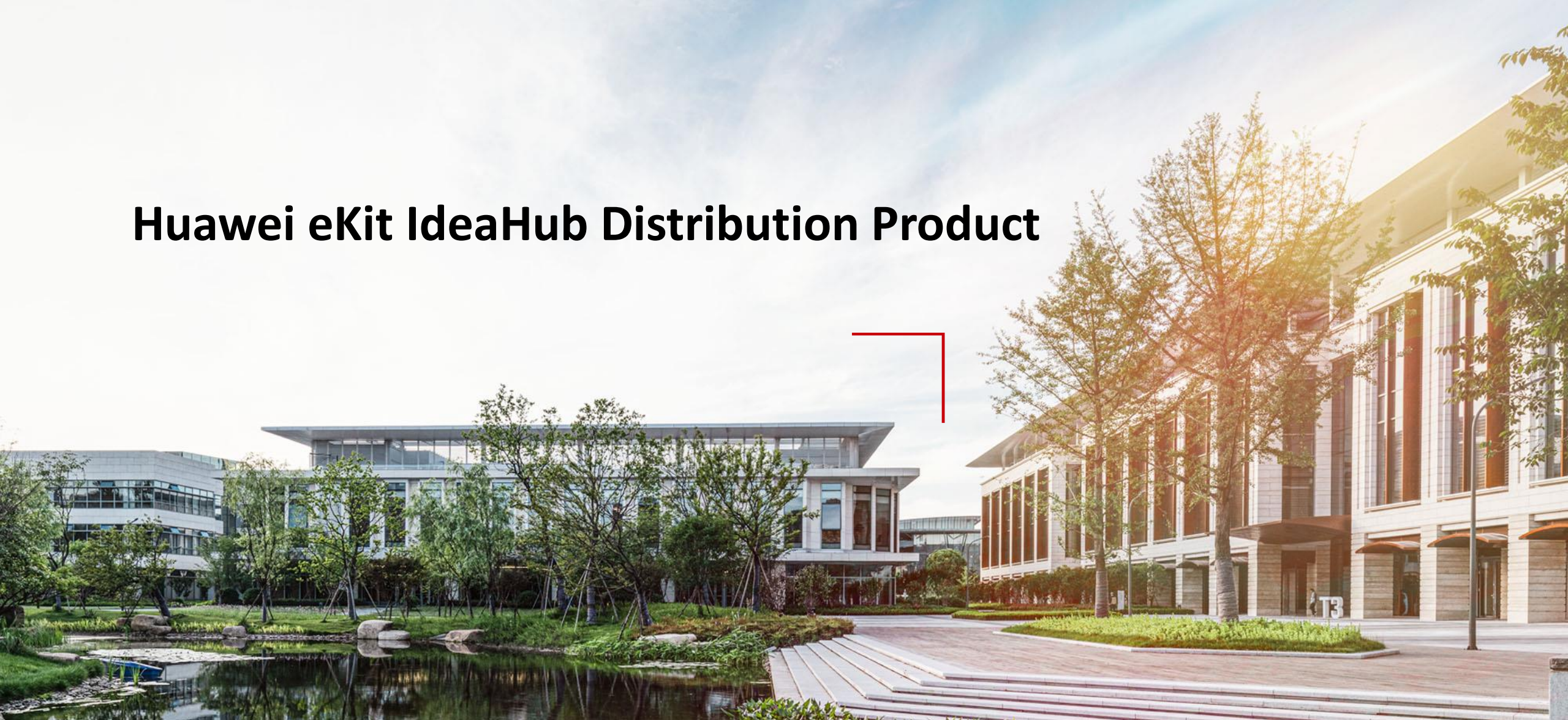


Huawei eKit IdeaHub Distribution Product



Objectives

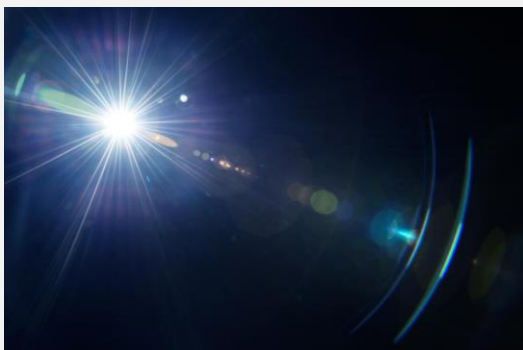
- After completing this course, you will be able to understand:
 - 1) Main functions and key features of HUAWEI IdeaHub products
 - 2) Major differences between HUAWEI IdeaHub products

Contents

- 1. Challenges to Traditional Offices and IdeaHub Solutions**
2. Application Scenarios of HUAWEI IdeaHub
3. HUAWEI IdeaHub Product Portfolio

Trends & Insights for Smart office

Audio&Video



Utilize AI capabilities to enable vectorization of unstructured audio and video data, leading to improved work efficiency.

AI



Understand and leverage the collaborative office and AI trends, and maintain our leadership position in the industry by continuously optimizing product portfolios.

Ecosystem



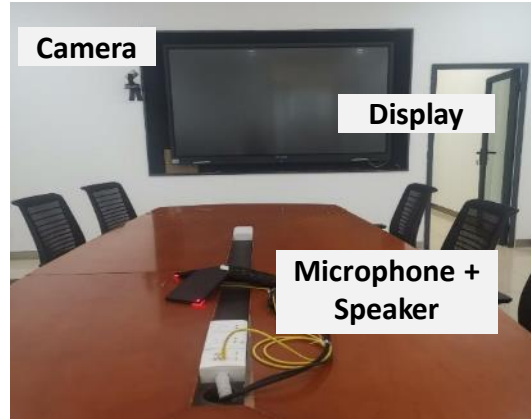
Enrich the cloud ecosystem, and enhance connectivity advantages to strengthen device-network collaboration.

Pain Points of Traditional Collaborative Office



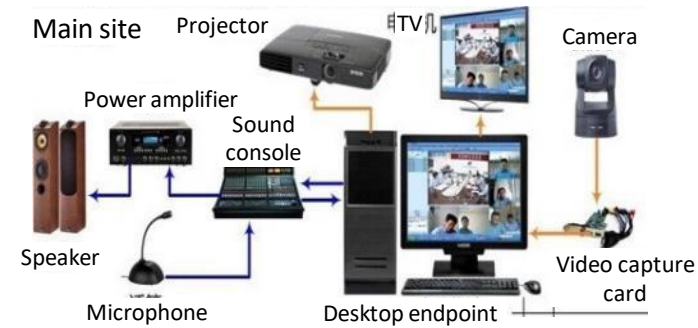
Inefficient interaction

- Whiteboard pen are not eco-friendly and content cannot be saved
- Projectors offer low brightness and poor environment adaptability



Complex operations

- Complex cabling with high maintenance costs
- Siloed system, without any device collaboration



Complex system construction

- Numerous devices with high costs
- Complicated networks, requiring dedicated maintenance

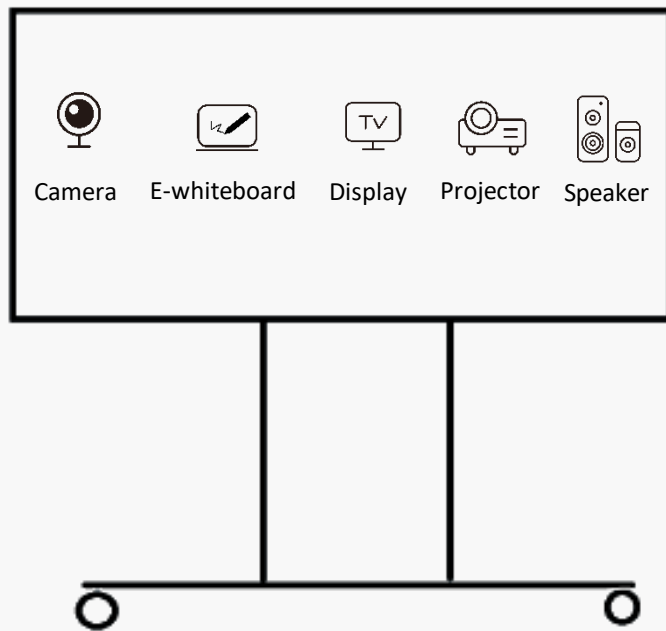


Poor cloud conferencing experience

- Frame freeze occurs during meetings.
- Poor device compatibility and low image definition

Enterprise Office Digitalization Trends: Simplified + Remote + Intelligent

Simplified all-in-one endpoint



In-depth local and remote collaboration



Cloud meeting
apps



Intelligent interaction and all-scenario collaboration



Intelligent human-
machine interaction

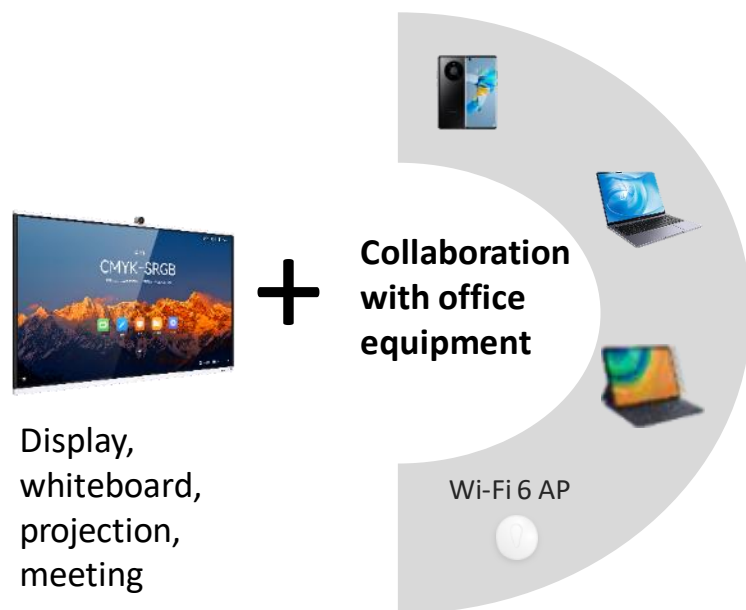


Intelligent device
collaboration

- Speech recognition
- Image recognition
- Biometric recognition

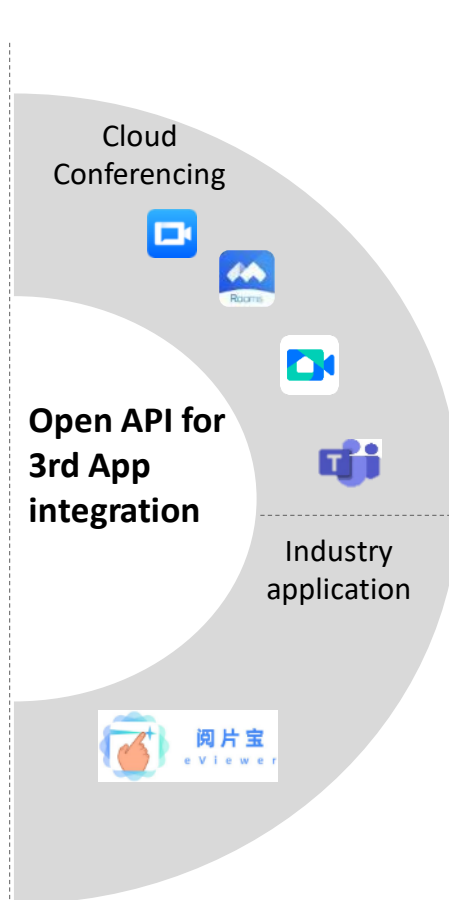
- HarmonyOS
- DSoftBus
- Virtual peripherals

Building Office and Industry Digital Solutions Based on IdeaHub



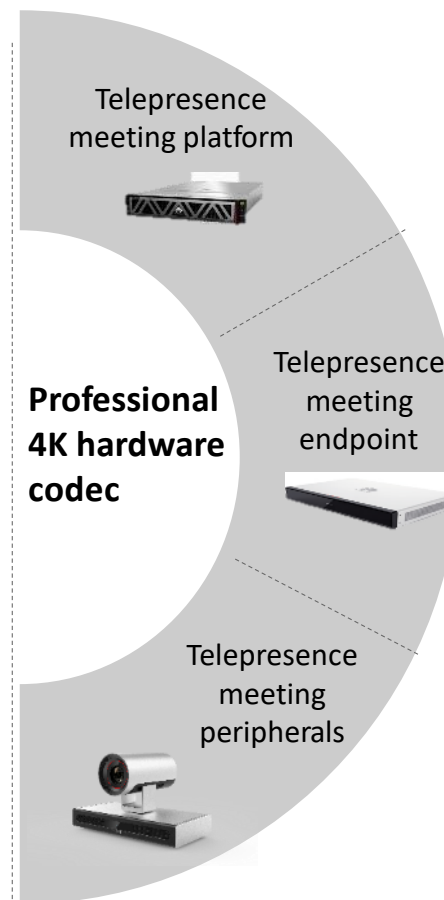
Direct deployment and commercial-off-the-shelf

All-in-one device: Only one IdeaHub is required for one meeting room.



Lightweight integration

Adapt to various apps, offering 1080p remote meetings



Deep integration

Professional 4K video conferencing solution based on professional devices



Digital offices



Digitalization of thousands of industries

Summary

- Traditional collaborative offices with distributed devices provide complex and inefficient experience.
- Enterprise offices are digitalized into simplified, remote, and intelligent offices, and integrated products are the future trend.
- IdeaHub series products that integrate display, whiteboard, and projection functions can provide digital solutions for various industries.

Contents

1. Challenges to Traditional Offices and IdeaHub Solutions
- 2. Application Scenarios of HUAWEI IdeaHub**
3. HUAWEI IdeaHub Product Portfolio

Application Scenarios of HUAWEI IdeaHub

Distribution Scenarios



Excellent conference capabilities

- 4K professional video conference
- BYOM
- HD cloud conference



Convenient office collaboration

- 16 ms writing latency
- Wi-Fi direct projection
- Multi-Window



Secure experience

- CCEAL5+ security certification
- E2E security



SMEs



New campus



Financial institutions



Financial branch



Hospitals



Multi-disciplinary consultation



Education institutions



Smart classroom



Communities



Video conference



Business hotels



Digital Hotel



Retail stores



Digital store



Enterprise branches



Co-working space

Smart Office: Bring a smart working style to everyone

Scenario Analysis

Unified experience is required in various meeting scenarios.



- There are many branches across the country, and there is a large demand for remote communication.
- Multiple scenarios such as internal meetings, external meetings, and workshops are involved.

Smooth switch between different working services is required.



- The switch among working services such as meetings, trainings, data dashboards, and information cannot be easily performed.
- The original devices have low openness and poor compatibility, making it difficult to improve employees' work efficiency.

Simplified O&M is required for various devices.



- There are a large number of meeting devices. The network conditions are complex, and the fault rate is high. Dedicated personnel are required to maintain and manage the meeting devices.

Scenario-based Solution



Executive office



Remote training for employees



Office bulletin board



Solution Highlights



All-in-one endpoint

- No complex networking or dedicated maintenance personnel is required.
- All-in-one, low construction costs.



BYOM

- No apps or OPS.
- DSoftBus + professional-grade peripherals of the IdeaHub support 8 meeting apps, such as Zoom.



Ultimate experience

- Ultra-low writing latency.
- Effortless projection, with no network connection needed.



Smart O&M

- Support device configuration in batches, upgrade, shutdown, and bulletin board.
- One-click detection of software and hardware faults.

Customer Benefits



Enhanced experience

- Enhanced functions, such as HD meeting, intelligent upgrade, touch control, whiteboard writing, and collaboration and interaction, improve user experience.



Higher efficiency

- Streamline all meeting scenarios, support self-service, and allow users to join hybrid meetings in a unified and easy manner.



Digital office

- From pure meetings (projection, whiteboard content takeaway, and HD meeting) to multiple services (service dashboards and bulletin board), improving enterprise office efficiency.

Smart Classroom: Bring digital to every classroom

Scenario Analysis

Cooperative teacher-student relationship



- Shift from teacher-dominated teaching to the equal collaboration between teachers and students.

Interactive teaching method



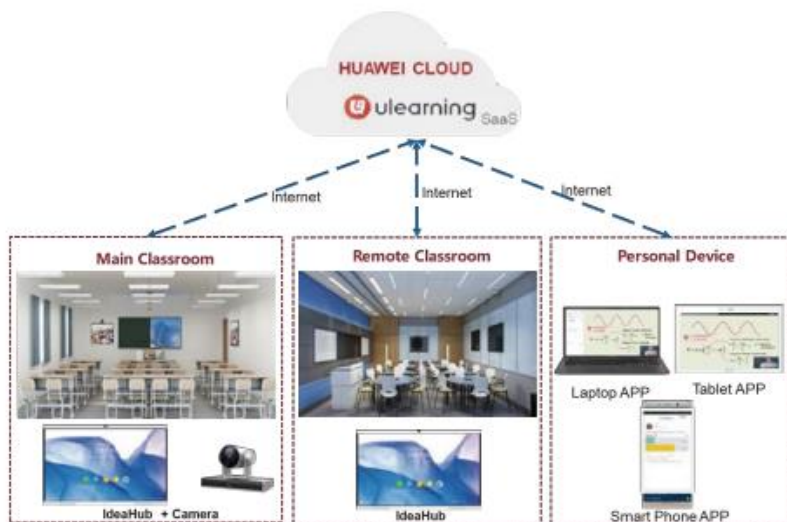
- Shift from passive, teacher-centered learning to interactive, heuristic teaching featuring guidance, discussion, and sharing.

Hybrid learning



- Online + offline hybrid interactive teaching

Scenario-based Solution



Solution Highlights



highly integrated learning environment

- highly integrated learning environment that integrates teaching interaction, multi-screen interaction, and teaching management



TÜV Rheinland Low Blue Light Certification
TÜV Rheinland Eye Comfort Certification

4K soft light screen for eye comfort and protection

- Optical blue light filter certified by TÜV Rheinland
- Accurate color calibration for an immersive learning experience



Easy sharing of teaching materials

- Multiple wired and wireless projection methods, facilitating sharing of audio, video, courseware
- Dual-band, dual-Wi-Fi module, ensuring network connection and projection do not interfere with each other



Teacher screen
Group screen
Student terminal

3-tier Inter-screen Interaction

- Fast switchover between Android and Windows
- Compatible with various teaching apps

Customer Benefits



Healthy and secure teaching environment

- Optical anti-blue light to protect eye health.
- Hardware anti-tampering to protect information security.



Interactive teaching mode

- Sharing of whiteboard content at any time.
- Keep the courseware for review after class.
- Extensive teaching tools for more efficient teaching.



Cross-region interactive class

- Synchronous presentation of cross-region courseware/whiteboard content.
- Discussions are held in different places at the same time, and comments are made on the discussion results.

HUAWEI IdeaHub Application Scenarios



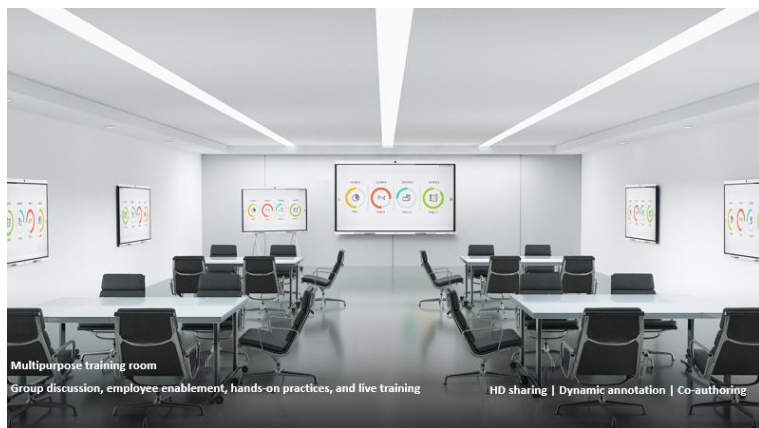
Regular meeting room



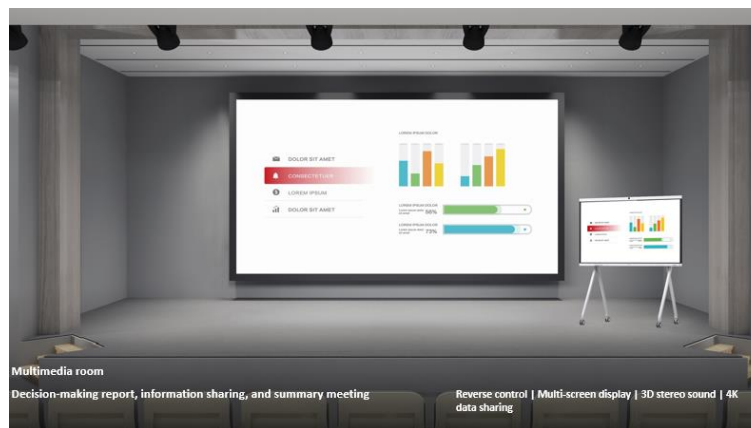
Executive office



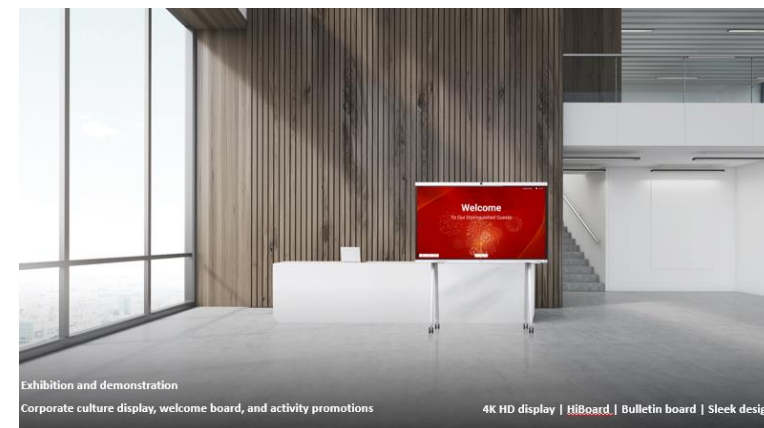
Open working area



Multipurpose training room



Multimedia room



Exhibition and demonstration

Contents

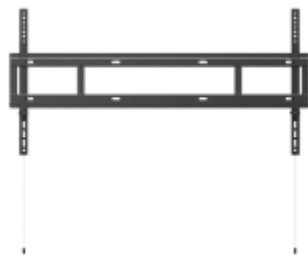
1. Challenges to Traditional Offices and IdeaHub Solutions
2. Application Scenarios of HUAWEI IdeaHub
- 3. HUAWEI IdeaHub Product Portfolio**
 - **IdeaHub S2/B3/B2**

HUAWEI IdeaHub Distribution Product Portfolio



Product Name	IdeaHub S2	IdeaHub B3	IdeaHub B2
Product positioning	High-end	Basic	Entry-level
Highlights	HD intelligent video conferencing 1080p HD cloud meeting BYOM Wi-Fi 6 for direct projection Intelligent tracking Acoustic baffle	1080p HD cloud meeting BYOM Wi-Fi 6 for direct projection Intelligent tracking	Native cloud meeting Low-latency writing Dual-band Wi-Fi for projection
Size	65"/75"/86"	65"/75"/86"	65"/75"/86"
Color	Jade white	Jade white	Jade white
OS	HarmonyOS Windows (OPS required)	HarmonyOS Windows (OPS required)	Android Windows (OPS required)
Memory/Hard disk	8 GB + 64 GB	8 GB + 64 GB	4 GB + 32 GB
Camera	4K professional	4K professional	4K professional
Microphone/Speaker	12 m sound pickup/40 W	10 m sound pickup/30 W	10 m sound pickup/30 W
Meeting specs	1080p/ on-premises meeting 1080p cloud meeting	1080p cloud meeting	1080p cloud meeting
Supported cloud meeting apps	Huawei Cloud Meeting	Huawei Cloud Meeting	Huawei Cloud Meeting

Optional Components of HUAWEI IdeaHub



Wall-mounted bracket
Fixed position, simple and sleek design
Applicable to all
IdeaHub models and sizes



Rolling stand
Flexible movement with brakes
Applicable to IdeaHub S2, B2,
Board 2, and B3



IdeaShare Key (Type-C)
One-press 4K sharing, plug-and-play
Applicable to all IdeaHub models
Support BYOM and reverse control



IdeaHub Controller
Control everything in your hand
Applicable to all IdeaHub models
Provide common meeting control commands
for convenient operations



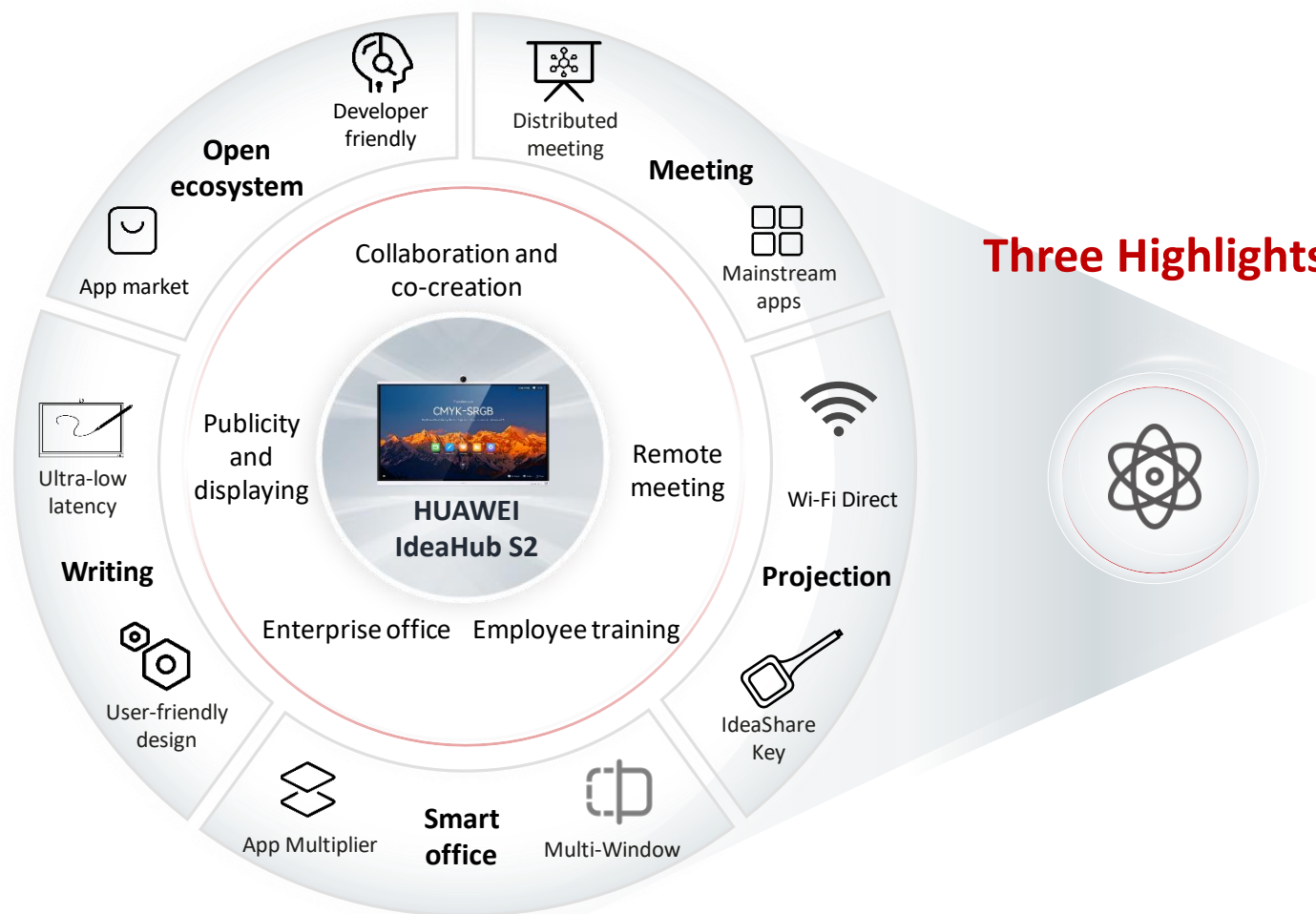
OPS¹
Dual-system one-tap switchover
Extended support for Windows
One-tap switch between Android and
Windows

HUAWEI IdeaHub S2

Built on the next-gen hardware platform with high-computing power, HUAWEI IdeaHub S2 is equipped with Bring Your Own Meeting (BYOM), HD immersive meetings, Wi-Fi 6 for direct projection, and ultra-low writing latency. It is a perfect solution for boundless collaboration and communication to fit in any room, such as regular meeting room, executive office, and open office area.



HUAWEI IdeaHub S2, New Style Smart Office



BYOM

- The PC-based meeting can invoke the large-screen camera, microphone, and speaker.
- No extra app or OPS is required.
- The wide-angle camera and ultra-far sound pickup provide professional meeting experience.

Wi-Fi 6 for direct projection

- Network configuration-free, one-step direct projection brings more convenient.
- Wi-Fi 6 for direct projection ensures stable connection.
- Multiple projection modes adapt to mainstream devices.

HD cloud conferencing

- Professional-level 4K camera for consistent resolution at all times
- Auto-Framing, voice tracking, and 12-meter ultra-long-distance sound pickup
- Native H.323/SIP meetings

New-Gen Hardware Platform, Improving Performance by 2 to 3 Times

CPU

123% ↑

Concurrent and smooth running
of multiple applications
without frame freezing

GPU

475% ↑

Real-time video enhancement
for vivid face images

NPU

4T + 2T FLOPS

AI-based audio enhancement
for clear voice from far away

Data source: Huawei lab

4K Soft Light Screen to Protect Your Eye Health

4K

4K UHD display, restoring all details



Optical anti-blue light eye protection with zero color cast



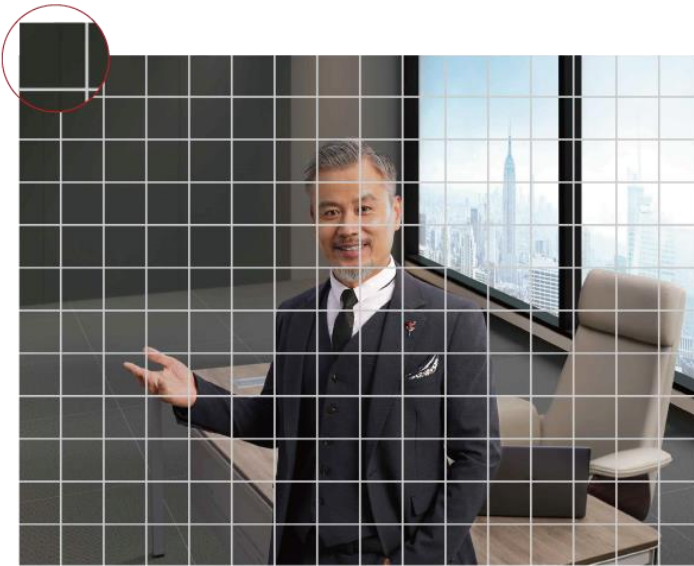
Flicker-free display for comfortable viewing experience



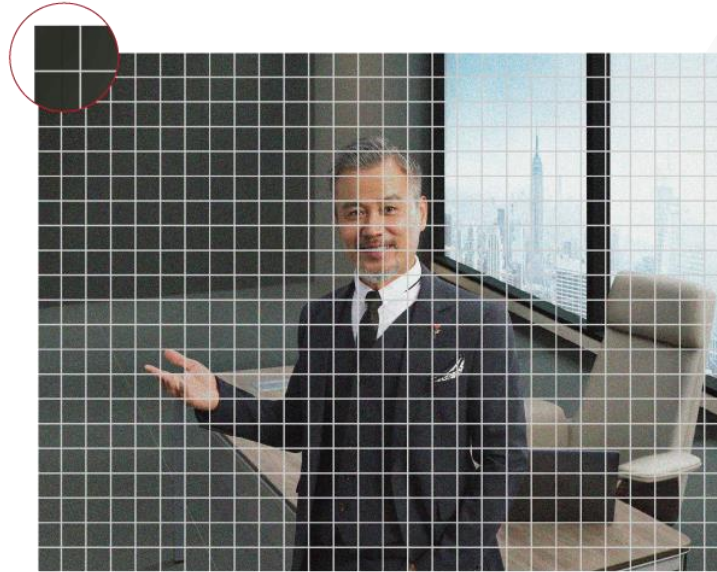
TÜV Rheinland Low Blue Light Certification



Professional 4K Camera with Low Noise Images



IdeaHub S2 photosite size: 2 μm^2



Peer product photosite size: 1 μm^2



Every facial expression detail

4K UHD lens



Pure image quality with low noise

2 μm^2 ultra-large photosite size with doubled signal-to-noise ratio (SNR)



More natural imaging

Huawei-developed AI algorithm

Acoustic Engine 2.0 for Clear Voice from Far Away



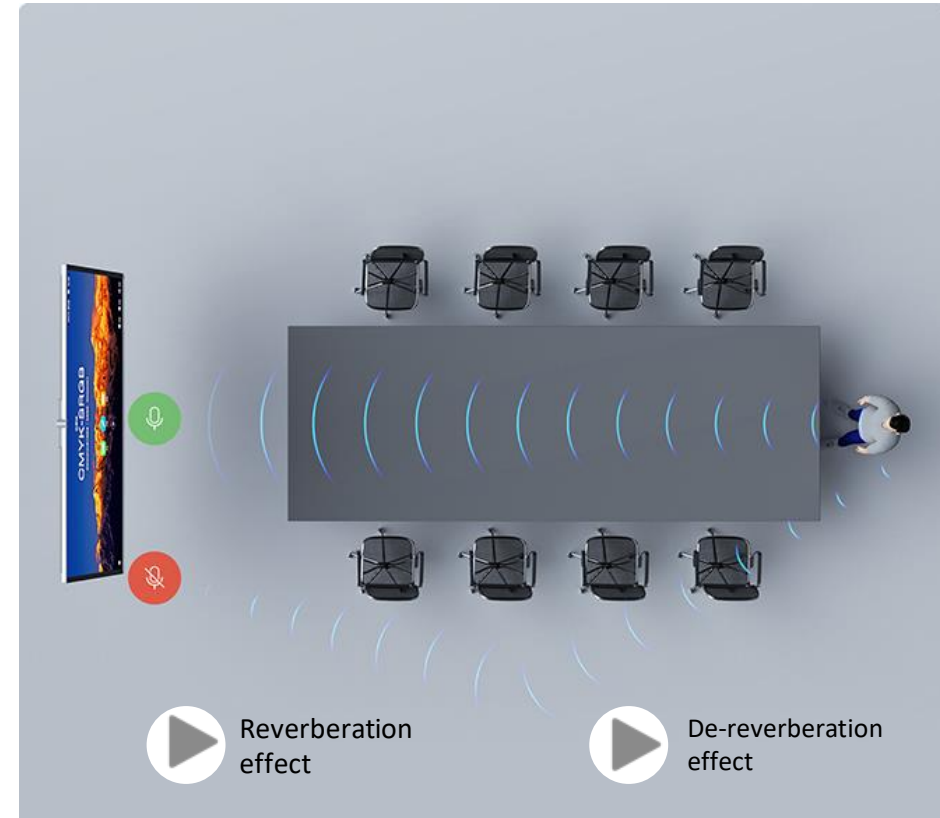
12-meter ultra-long-distance sound pickup is perfect for large meeting rooms.



DNN-based dereverberation allows crystal clear voice in glass rooms.



AEC algorithm ensures zero interference of simultaneously speaking at two sites



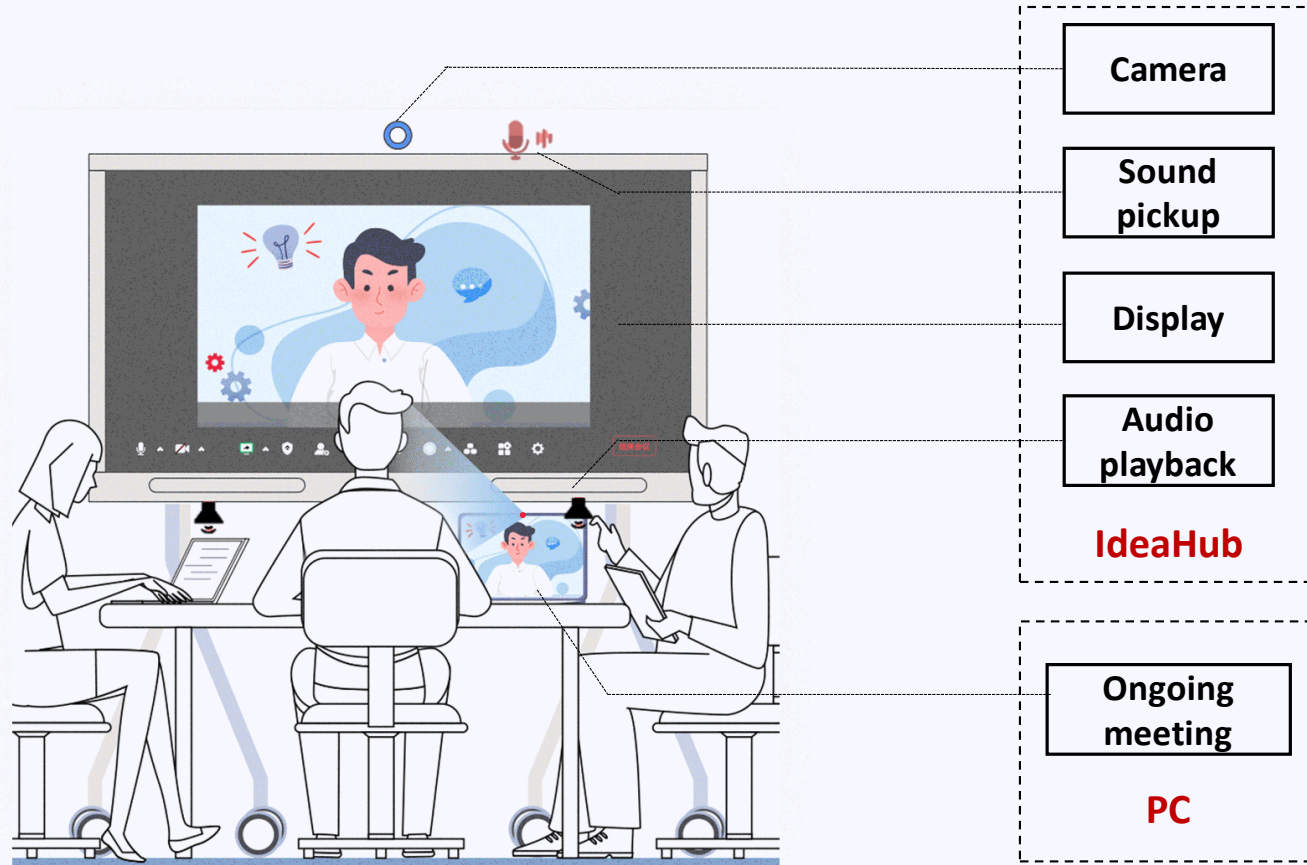
High-Fidelity Stereo Sound Bringing Immersive Experience

-  Dual chambers and four speakers deliver stereo sound.
-  Max.95 dB sound pressure level provides clear sound even in big rooms.
-  Self-developed bass booster makes sound awesome.



BYOM – Seamless Meeting Transfer

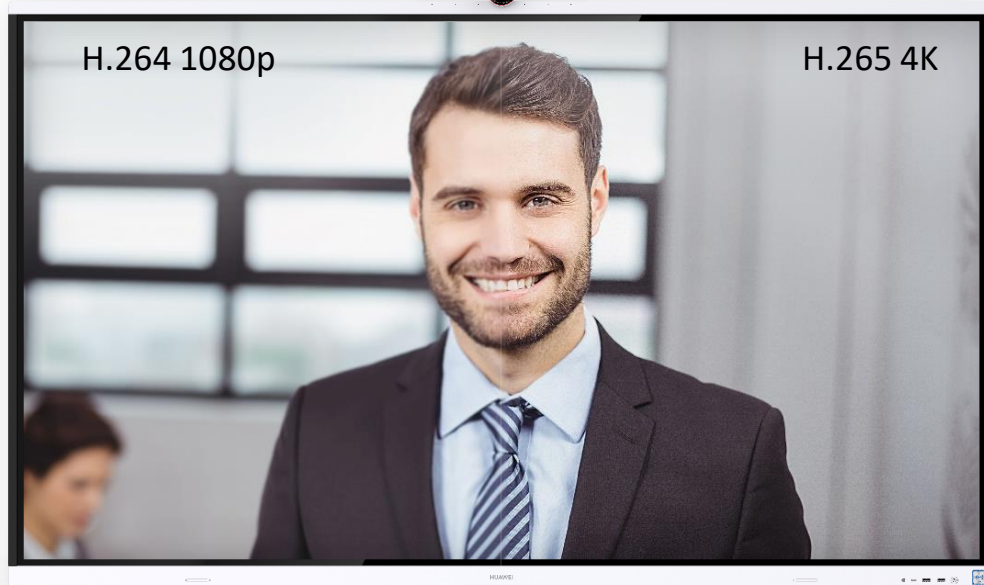
- Application-free and OPS-free
- Professional wide field of view and long distance sound pickup
- More local participants engaging in the meeting
- Crystal clear and comfortable viewing experience



Start a cross-enterprise meeting without downloading a different meeting app

* Windows computers use the IdeaShare app or Type-C wired connection; Computers (macOS) use Type-C wired connection; and Huawei phones use the drop-down menu or NFC. The preceding features provided may vary among different mobile phones and PCs. The actual effect prevails.

Immersive, Intelligent Meeting



- H.323+SIP dual protocol stack implements 1080p audio and video and 4K data sharing ¹
- Supports H.264 + H.265 dual protocols and 4K hardware encoding and decoding.
- Low bandwidth, low latency, and UHD capabilities.

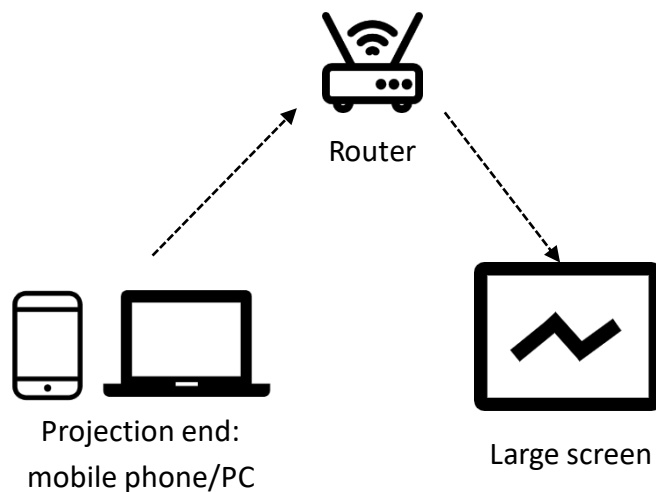
Remarks:

1. This feature refers to the on-premises meeting that provides the video conferencing function through Huawei CloudLink Video Conferencing Solution. The IdeaHub S2 requires a license to upgrade to 1080P30 fps + 1080P 30 fps/4K 8 fps.



- Voice tracking and intelligent tracking
- Auto-Framing automatically identifies the best angle for multiple participants.
- Acoustic baffle automatically shields the external noise and adapts to various meeting rooms

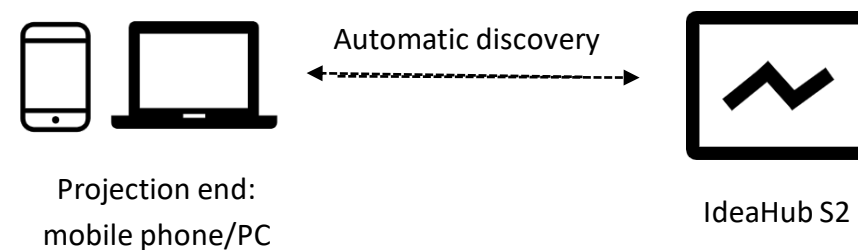
Next-Gen Wi-Fi 6 for Direct Projection Without Network Connection



LAN projection

- ❑ Obtain the LAN information of the large screen
- ❑ Enable Wi-Fi settings on your phone or PC
- ❑ Enter the password to connect to the large-screen LAN.
- ❑ Open the projection app.

Complex procedures affected by network stability



Wi-Fi direct projection

- ❑ Turn on the Wi-Fi switch on the mobile phone or PC.
- ❑ Use IdeaShare¹ that autocompletes projection code, or NFC or projection option in the drop-down menu on Huawei phones² for one-tap projection

One-step access, Wi-Fi 6 for direct projection

Remarks:

1. The Wi-Fi direct projection of IdeaShare app supports HarmonyOS 2.0, Android 8.0, Windows 10, and their later versions.
2. Huawei mobile phones running EMUI 11.0.0.150 or HarmonyOS 2.0 or later

Multiple Projection Modes for Different Scenarios

Wired projection

Most secure and stable solution for important occasions



- Multiple types of cables (Type C and HDMI)
- 4K UHD, delivering exquisite images
- Stable projection without Wi-Fi interference

App-free projection ¹

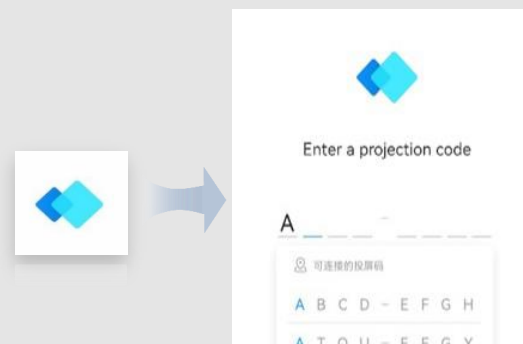
Preferred choice for Huawei phones



- Drop-down menu or NFC on Huawei phones
- One-click sharing without installing an app

IdeaShare app

Preferred choice for internal office



- Multiple endpoints such as computers and mobile phones
- Five mainstream operating systems ²
- Fast and convenient projection code entering

IdeaShare Key

Preferred choice for customer reception



- Plug-and-play without network connection
- 4K UHD sharing
- Stable dual-Wi-Fi connection

Remarks:

1. App-free projection is only applicable to Huawei mobile phones running EMUI 11.0.0.150, HarmonyOS 2.0, or their later versions.
2. The IdeaShare app adapts to the HarmonyOS, Android, iOS, Windows, and macOS.

* The preceding features provided may vary among different mobile phones and PCs. The actual effect prevails.

Intelligent Whiteboard, Intuitive and Natural Writing



Paper-like writing experience

AI handwriting tracking: 16 ms ultra-low writing latency

Whiteboard sharing to remote sites for real-time collaboration



Fast conversion of standard text

Intelligent writing converts your handwriting and drawings to digital forms

Full-screen annotation: Take a snapshot of any page for annotation



Whiteboard content takeaway

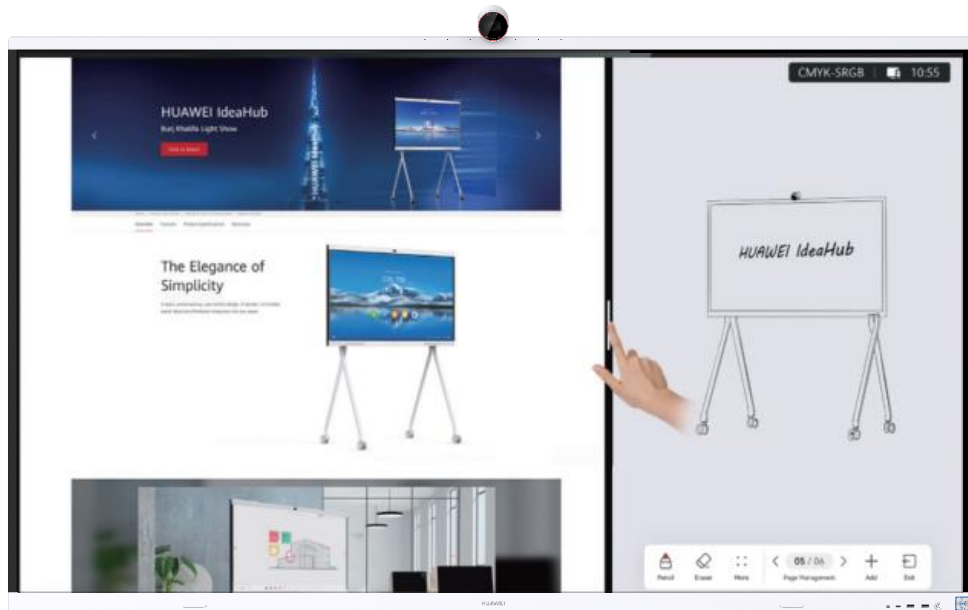
Scan the QR code via a browser.

Send the content to mailbox and save it to local storage.

Efficient Split-Screen Collaboration

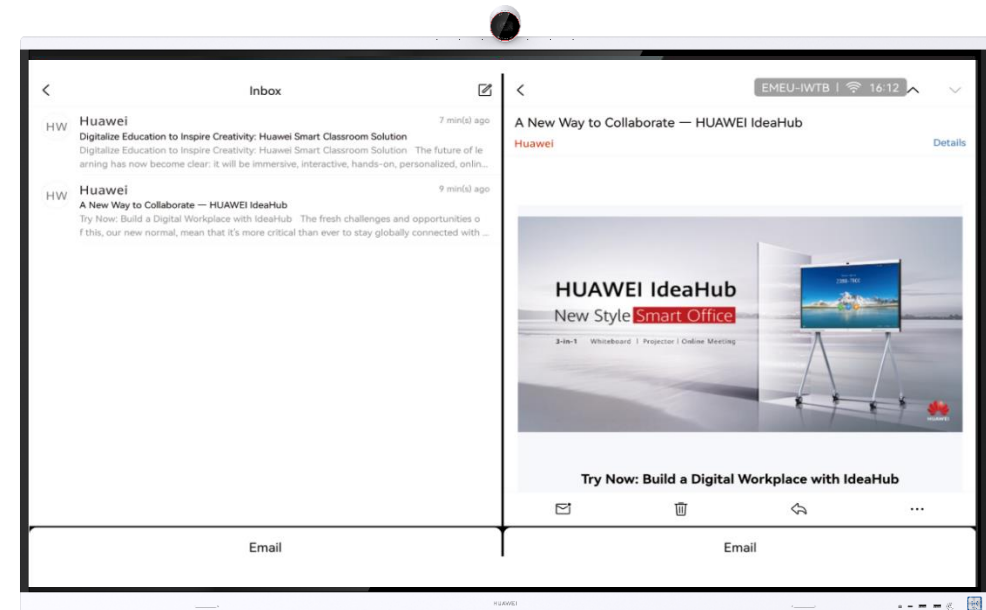
Multi-Window for Efficient Multitasking

- **Dual applications on one screen:** Review materials on the left and write on the right side for doubled efficiency
- **Adjustable window ratios:** three aspect ratios (1:1, 1:2, and 2:1)



App Multiplier: Massive Apps to Fit Your Needs

- **One app in dual windows:** home screen on the left and content screen on the right for quick browsing and switching
- **1000+ available apps:** as convenient as a mobile phone

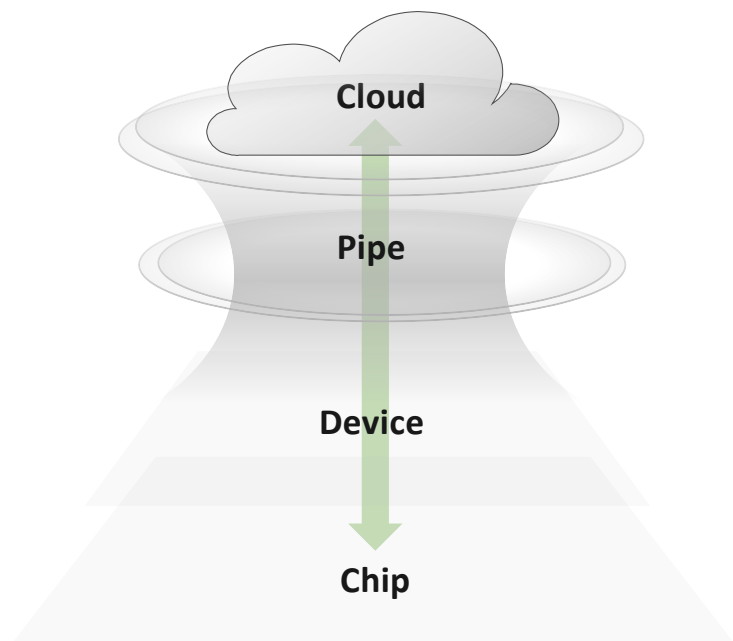


CC High-level Security Certificate

Preferred Option for Governments and Enterprises

E2E security protection

Industry-unique cloud-pipe-device-chip E2E security protection



Global authoritative security certification

World-leading security: CC EAL5+, the highest security certification for global commercial systems

Access control

Controllable interface permissions

Refined permission granularity

Security control

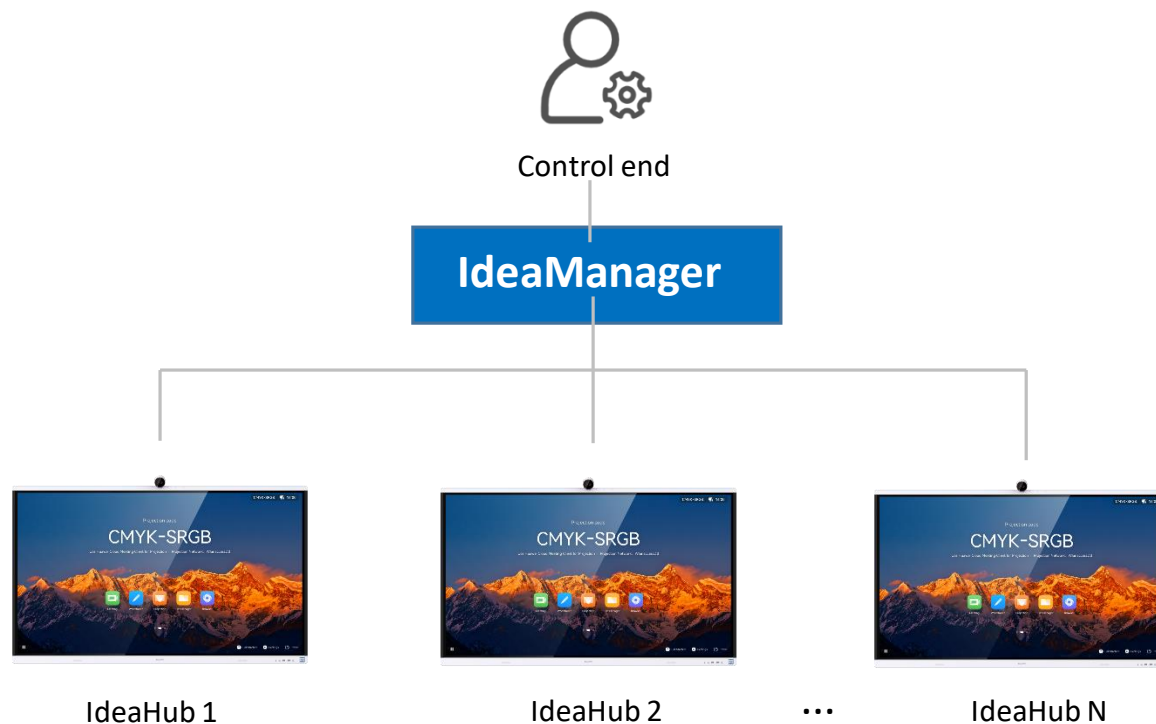
Separate storage of sensitive data

Random distribution of kernel address space

Operation audit

Traceable access records

Intelligent O&M, All in Your Hands



Centralized endpoint management and one-click configuration

- Simultaneous management of millions of devices
- Remote setting of the shutdown time in batches
- Remote OTA update in batches

Quick fault rectification to protect data anytime

- Statistics of device status
- Inspection and fault alarm
- Self-service diagnosis of typical faults

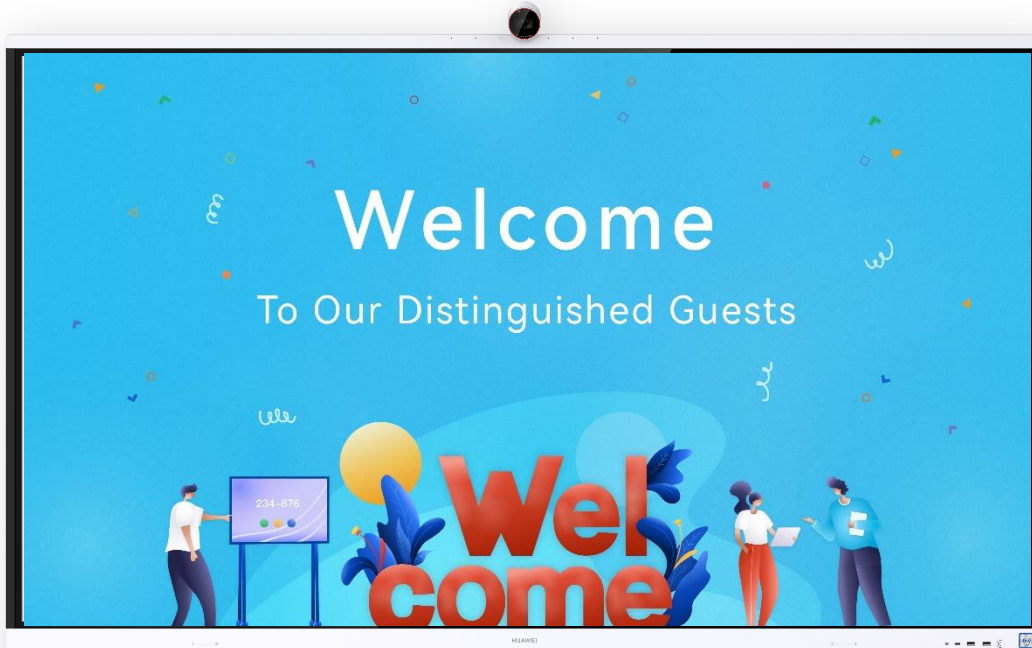
Precise operation for stronger corporate image

- Device usage
- Startup animation and bulletin board pushing

* IdeaManager intelligent O&M supports on-premises management,

Enterprise Information Release Platform for Precise Targeting

HiBoard as a Welcome Page



- Multiple built-in templates with one tap to display
- One-click import of activity theme image to adapt to multiple scenarios

Dynamic bulletin board



- Unified management and scheduled push of activity advertisements and accurate to organizations and regions
- Allows up to 50 images be played in carousel

IdeaHub S2: Leading Smart Office for Greater Productivity



Professional video camera
FHD video meeting



12-meter
ultra-long-distance
sound pickup



Cloud meeting



BYOM



HUAWEI IdeaHub S2
Next-gen IdeaHub for office
BYOM | Wi-Fi 6 for direct projection | HD cloud conferencing



2.5x
Higher performance
Next-gen hardware



Multi-Window



App Multiplier
supporting apps
1000+



16ms
ultra-low writing latency



Commercial systems
CC EAL5+
High level of security
certification

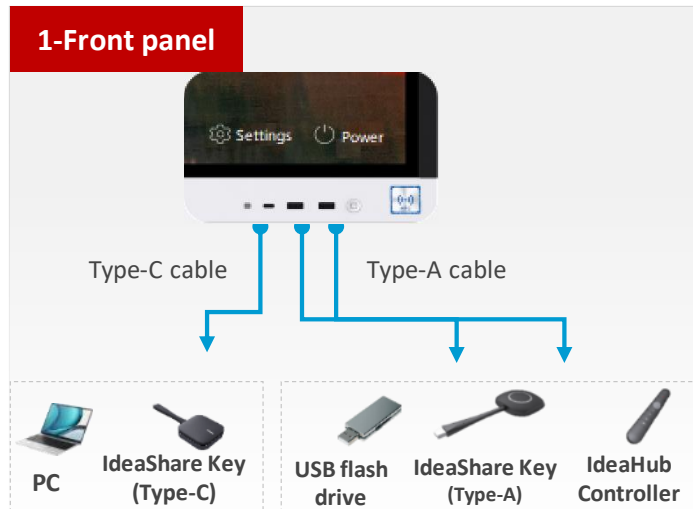


Optical anti-blue light



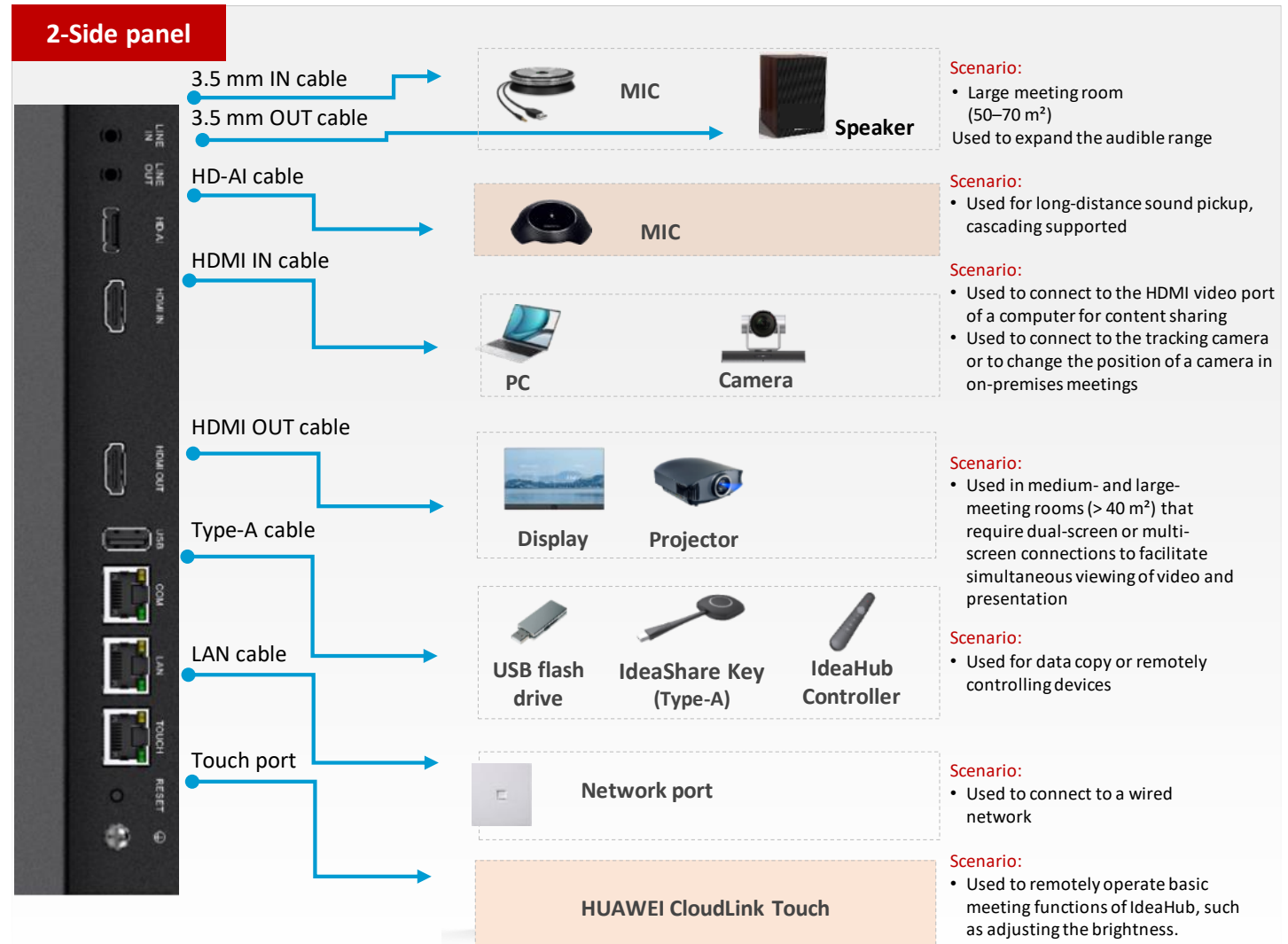
Wi-Fi 6 for direct projection
One-click projection
with Wi-Fi 6

IdeaHub S2 Cabling Diagram Example



Scenario: used for projection from the Type-C port of a computer or projector

Scenario: used for data copy or remotely controlling devices



HUAWEI IdeaHub B3

New Style **Smart Office**

BYOM | AI-powered communication | Smart office collaboration

Optimal choice for lightweight office

HUAWEI IdeaHub B3 runs on Harmony OS and provides features like 1080p high-definition cloud meetings, Bring Your Own Meeting (BYOM), and Wi-Fi 6 for direct projection. With professional-grade hardware components such as a 4K soft light screen and stereo speaker, it's an optimal solution for collaboration scenarios such as business reports, project discussions, and routine meetings in meeting rooms, open areas, or training rooms.



HUAWEI IdeaHub B3: New Style Smart Office



Regular meeting room

Local workshop, remote meeting, and executive meeting



Open area

Regular meeting, instant discussion, and team-building meeting



Executive office

Business reporting, remote interview, and daily office



Exhibition and demonstration

Corporate culture display, welcome board, and activity promotions

Three Core Capabilities

BYOM

- BYOM, bring your own meetings to the big screen
- Native 1080p Huawei Cloud Meeting

AI-powered communication

- Auto-Framing
- Speaker tracking
- Two-person conversation mode
- 10m sound pick up

Smart office collaboration

- Wi-Fi 6 for direct projection without network connection
- 16 ms ultra-low latency
- Multi-Window

Powerful Hardware Platform Designed for Optimal Performance

CPU 123% ↑

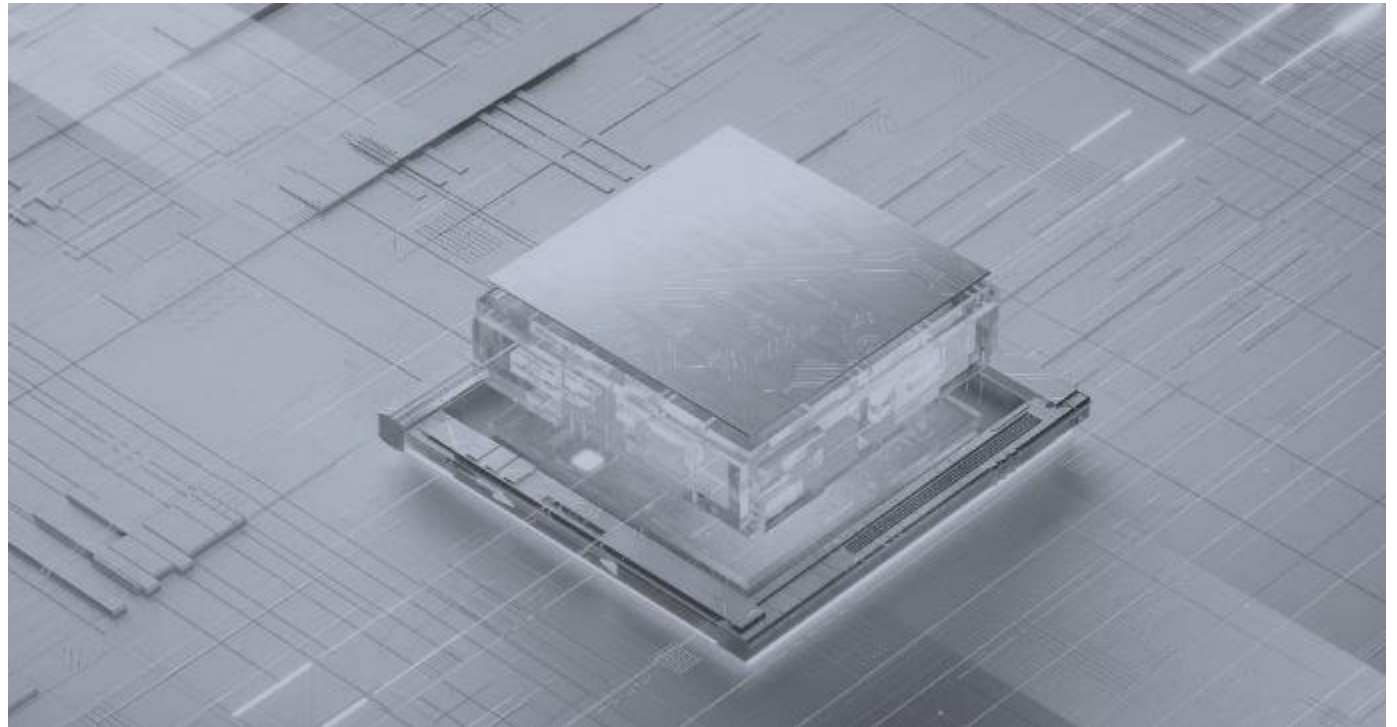
Smooth concurrency of multiple apps

GPU 475% ↑

Crystal-clear dynamic images during meetings

NPU 4T + 2T OPS

AI-based audio enhancement and vivid images



4K Soft Light Screen for Eye Protection

Anti-Glare Technology Clear images even under strong light



Anti-glare coating

Reduced interference of light on the screen



Flicker-free

Display for comfortable viewing experience



Non-AG screen

AG screen

Optical Anti-Blue Light Vivid and eye-comfort images



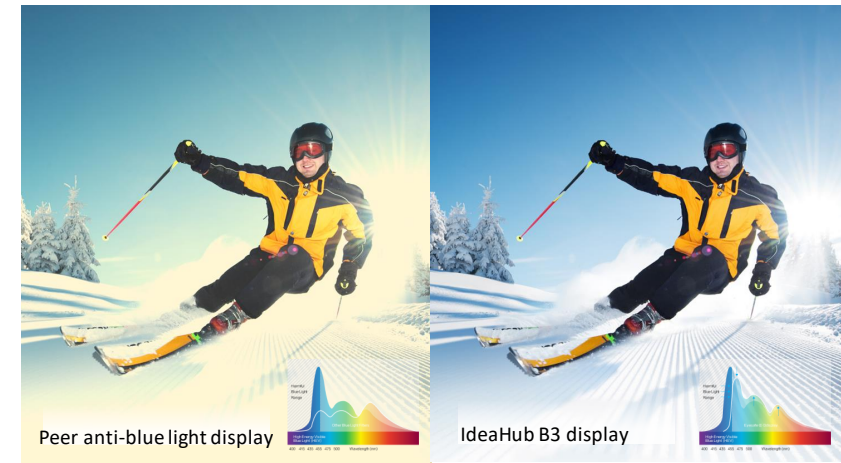
4K UHD display

Restoring all details



TÜV Rheinland low blue light certification

TÜV Rheinland CERTIFIED



TÜV Rheinland Low Blue Light Certification

TÜV Rheinland Eye Comfort Certification



Professional-grade 4K Camera for High Resolution Over the Long Haul

Low Noise Images



Every facial expression detail

4K UHD lens



Pure image quality with low noise

Ultra-large photosite size with doubled signal-to-noise ratio (SNR)



More natural imaging

Huawei-developed AI algorithm



IdeaHub B3 photosite size



Peer product photosite size



Glass-plastic hybrid lens built to withstand high temperatures

High temperature resistance of the camera, ensuring optimal video quality during long meetings

No yellowing or color change at -20°C to $+60^{\circ}$



Consumer-level lens effect



Professional-grade lens image effect



Clear Sound Pickup Within 10 Meters



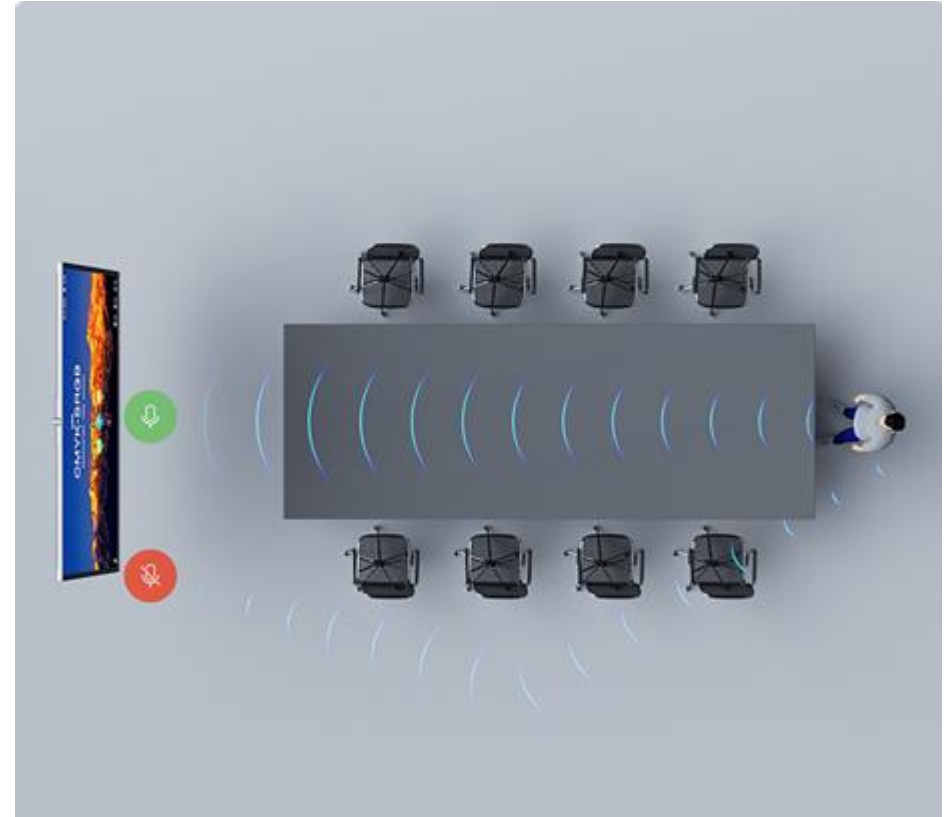
10-meter ultra-long-distance sound pickup is perfect for large meeting rooms.



DNN-based dereverberation allows crystal clear voice in glass rooms.



AEC algorithm ensures zero interference of simultaneously speaking at two sites.



BYOM

- BYOM, bring your meetings to the big screen
- Native 1080p Huawei Cloud Meeting



AI-powered communication



- Auto-Framing
- Speaker tracking
- Two-person conversation mode
- 10m sound pick up

Smart office collaboration

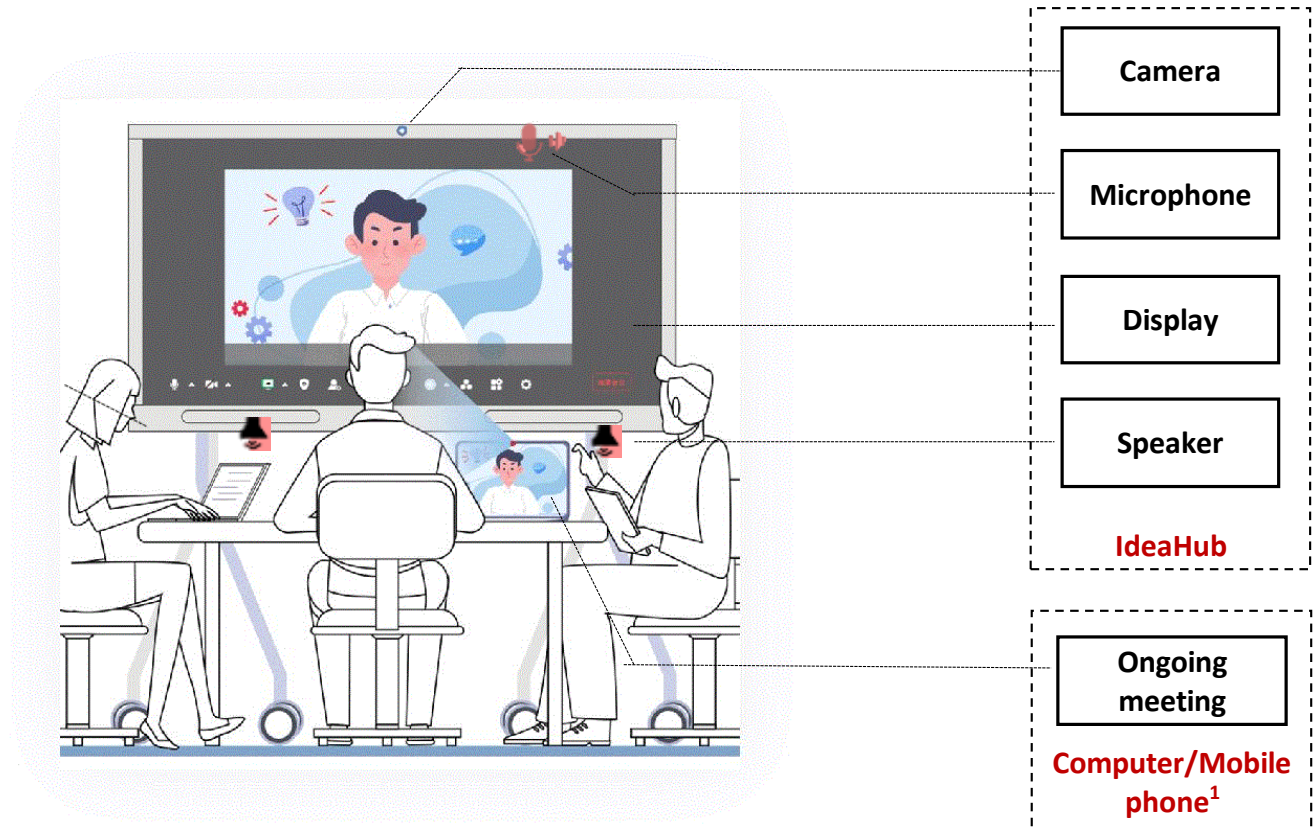
- Wi-Fi 6 for direct projection without network connection
- 16 ms ultra-low latency
- Multi-Window



BYOM, Bringing Your Own Meetings to the Big Screen

Run the meeting software on a computer to invoke the IdeaHub camera, speaker, microphone, display, and touch control.

- No apps or OPS
- Supports for 8 meeting apps, such as Zoom
- Seamless cross-enterprise and cross-regional meetings
- Supports BYOM via the Type-C cable, IdeaShare app, or IdeaShare Key (Type-C).



Notes:1: 1. Windows computers can use the IdeaShare app, Type-C wired connection, or IdeaShare Key. Mac can use Type-C wired connection and IdeaShare Key. Huawei phones can use the drop-down menu or NFC.

* The preceding features provided may vary among different mobile phones and computers.

OPS-Free, Native 1080p HD Cloud Meeting

Easy Meeting Preparation

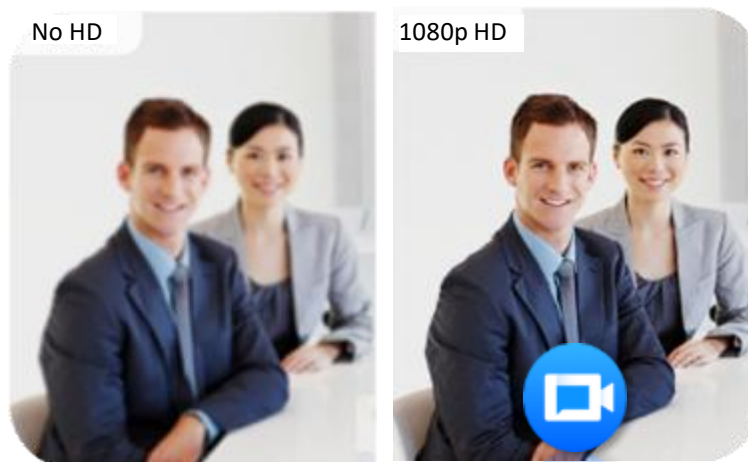
Scan the QR code to join a meeting.

Invite participants in multiple ways.



HD Video Images

Hardware encoding and decoding, delivering dual-stream 1080p images
ISP-based color adjustment, restoring natural colors



Huawei Cloud Meeting

Effortless Meeting Minutes Recording

Real-time translation and bilingual subtitles

One-click export of meeting minutes



Intelligent Tracking 2.0, Providing Ideal Meeting Experience

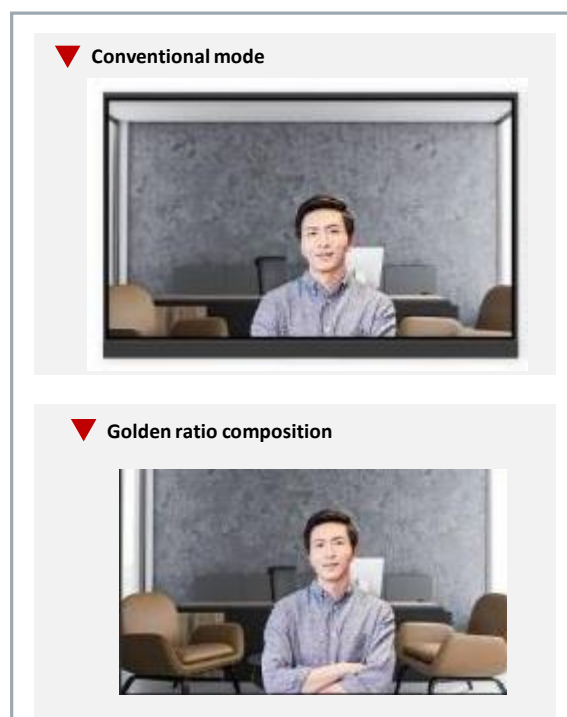
Two-person conversation on the same screen

Intelligent sound source localization
Display two participants at the same time



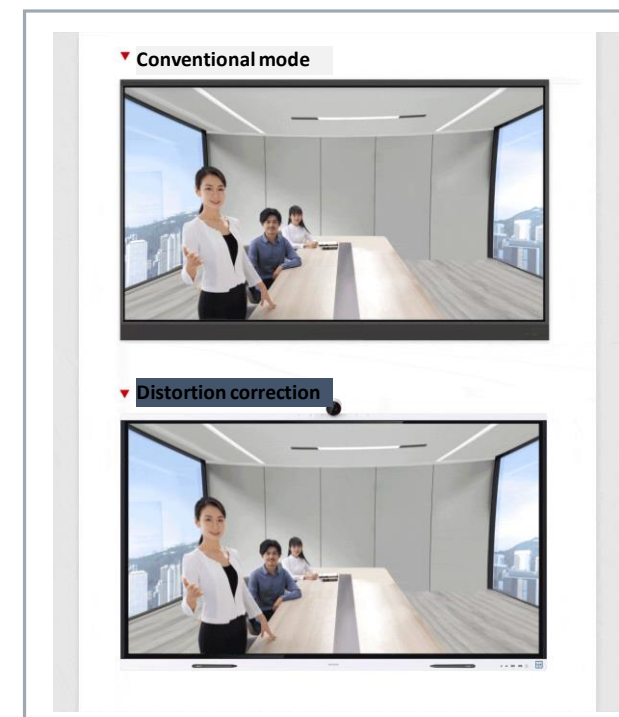
Golden ratio composition

Deliver 80° field of view under the rule of thirds
Display participants in golden ratio



Intelligent distortion correction algorithm

T-camera algorithm and distortion correction algorithm
Correct distortions for ideal meeting experience



16 ms Ultra-Low Latency, Ensuring Smooth Writing Experience



Simultaneous writing and display without interruption

AI handwriting tracking, **16 ms** ultra-low latency



Convert your handwriting and sketches into digital forms

Intelligent writing, converting handwritten texts and graphics into digital forms



Add images to the whiteboard with just a tap

Local image insertion, supported in Multi-Window mode



Scan the QR code to save whiteboard content right away

Content saving is supported on WeChat, Huawei Cloud Meeting, and web browsers



Note: 1. The intelligent writing recognition function supports recognition of Chinese, English, and 11 types of graphics.

Wi-Fi 6 for Direct Projection, No Network Connection Needed



Network-free

Wi-Fi 6 for direct projection
Seamless operations



One-step access

Near-field discovery
Auto-populate the projection code
after you enter the first letter

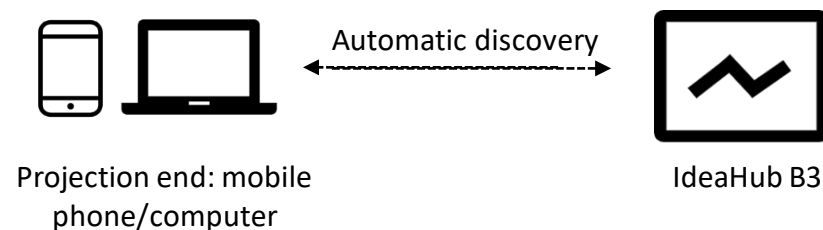


Dual-band Wi-Fi, more stable

5 GHz + 2.4 GHz
Dedicated channels for projection and
meetings, no interference

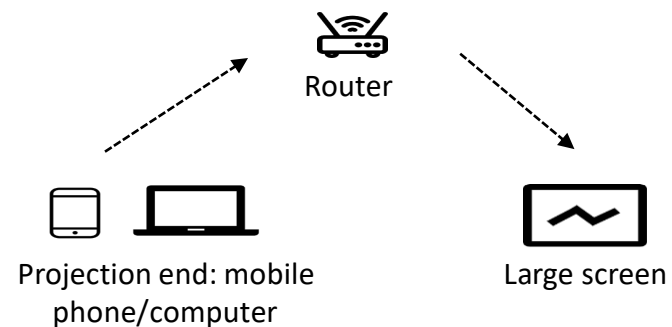
Wi-Fi 6 for direct projection

One-step access, Wi-Fi 6 for direct projection



LAN projection

Complex procedures affected by network stability



Note: * The preceding features provided may vary among different mobile phones and computers.

Multiple Projection Modes for Different Scenarios

Wired projection

Important occasions



- Multiple types of cables (Type-C and HDMI)
- 4K UHD, delivering exquisite images
- Stable projection without Wi-Fi interference

App-free projection¹

HarmonyOS only



- Drop-down menu or NFC on Huawei devices
- One-click sharing without installing an app

IdeaShare app

Routine office



- Multiple endpoints such as computers and mobile phones
- Five mainstream operating systems
- Fast projection code entering

IdeaShare Key (Type-C)

Customer communication



- Plug-and-play without network connection
- BYOM, seamless transfer of your meetings
- Dual-screen linkage in extended screen mode

Note: 1. App-free projection is applicable only to Huawei mobile phones running EMUI 11.0.0.150, HarmonyOS 2.0, or their later versions. 2. IdeaShare app is compatible with HarmonyOS, Android, iOS, Windows, and macOS.

* The preceding features provided may vary among different mobile phones and computers.

Multi-Window for Efficient Multitasking

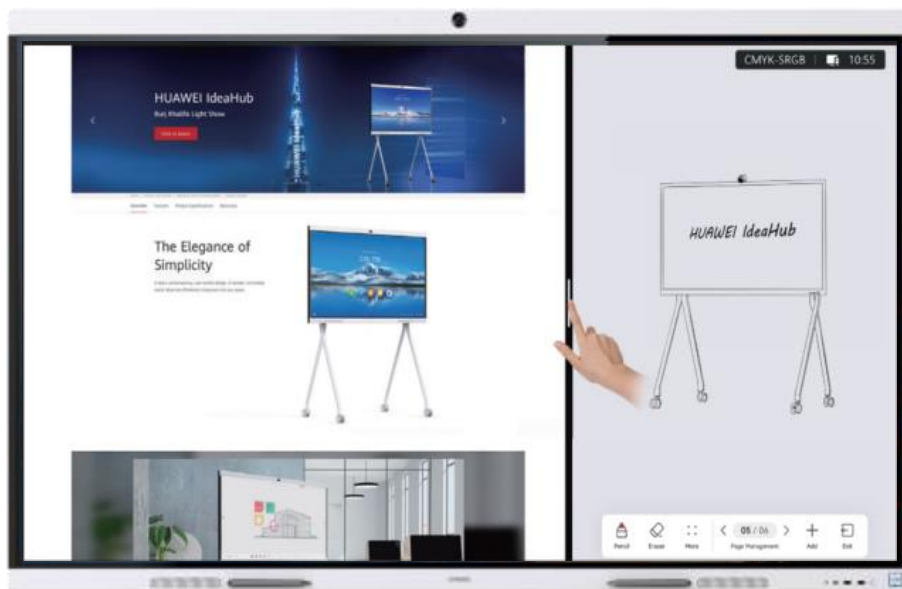


Collaborative discussion: one screen displays two apps



Adjustable window ratio for a flexible layout

Three aspect ratios (1:1, 1:2, and 2:1) are supported



App Multiplier: Massive Apps to Fit Your Needs



One app can be displayed in dual windows

Seamless app browsing and switching

Navigation page

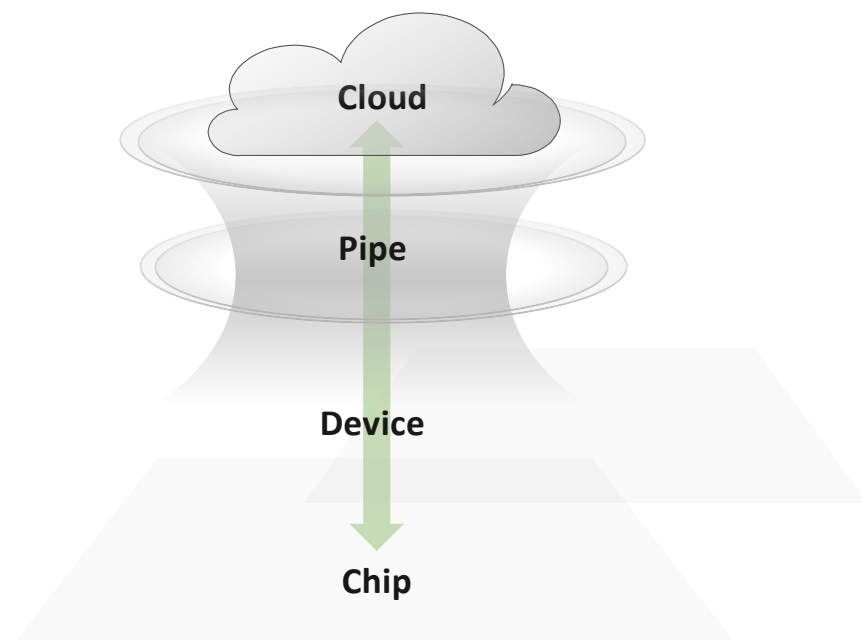
Details page



Note: Multiple methods are supported to scan the QR code to take it away, including WeChat, browser, Huawei Cloud Meeting, and WeLink.

CC EAL5+, Highest Security Certification for Global Commercial Systems

Industry-unique cloud-pipe-device-chip E2E security protection



World-leading security: CC EAL5+, the highest security certification for global commercial systems

Access control

Controllable interface permissions
Refined permission granularity

Security control

Separate storage of sensitive data
Randomized distribution of kernel address space

Operation audit

Traceable access records

IdeaHub B3 : Optimal Choice for Lightweight Office with Cloud Meeting

**Professional-grade
4K camera**

Intelligent meeting experience



HUAWEI IdeaHub B3

New Style Smart Office

BYOM | Smart office collaboration | AI-powered communication



16 ms
ultra-low writing latency

CC EAL5+
high-level security certification
for global commercial systems

App Multiplier
Supporting apps
3000+

Multi-Window



10-meter
Ultra-long-distance
sound pickup

BYOM



OPS-free
1080p native
cloud meeting



**Optical
anti-blue
light**

Powered by
HarmonyOS

8-core CPU
Powerful performance

**Wi-Fi 6
for direct
projection**

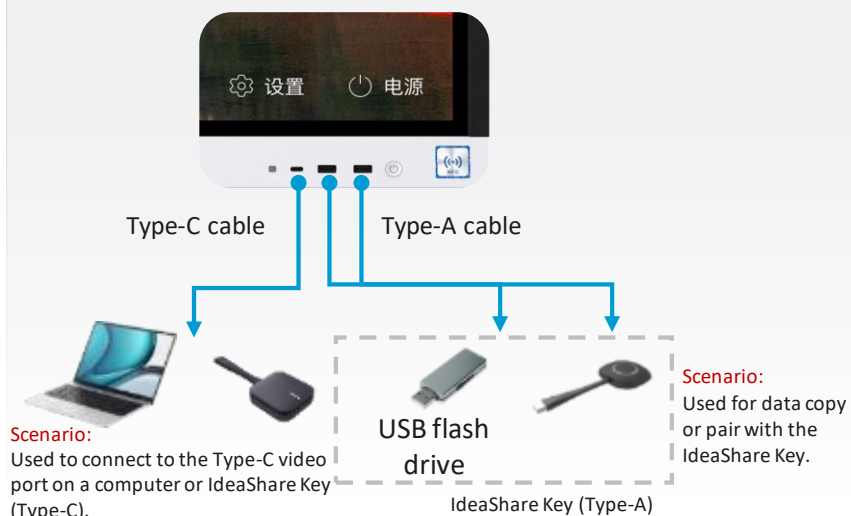
One-click projection
with Wi-Fi 6



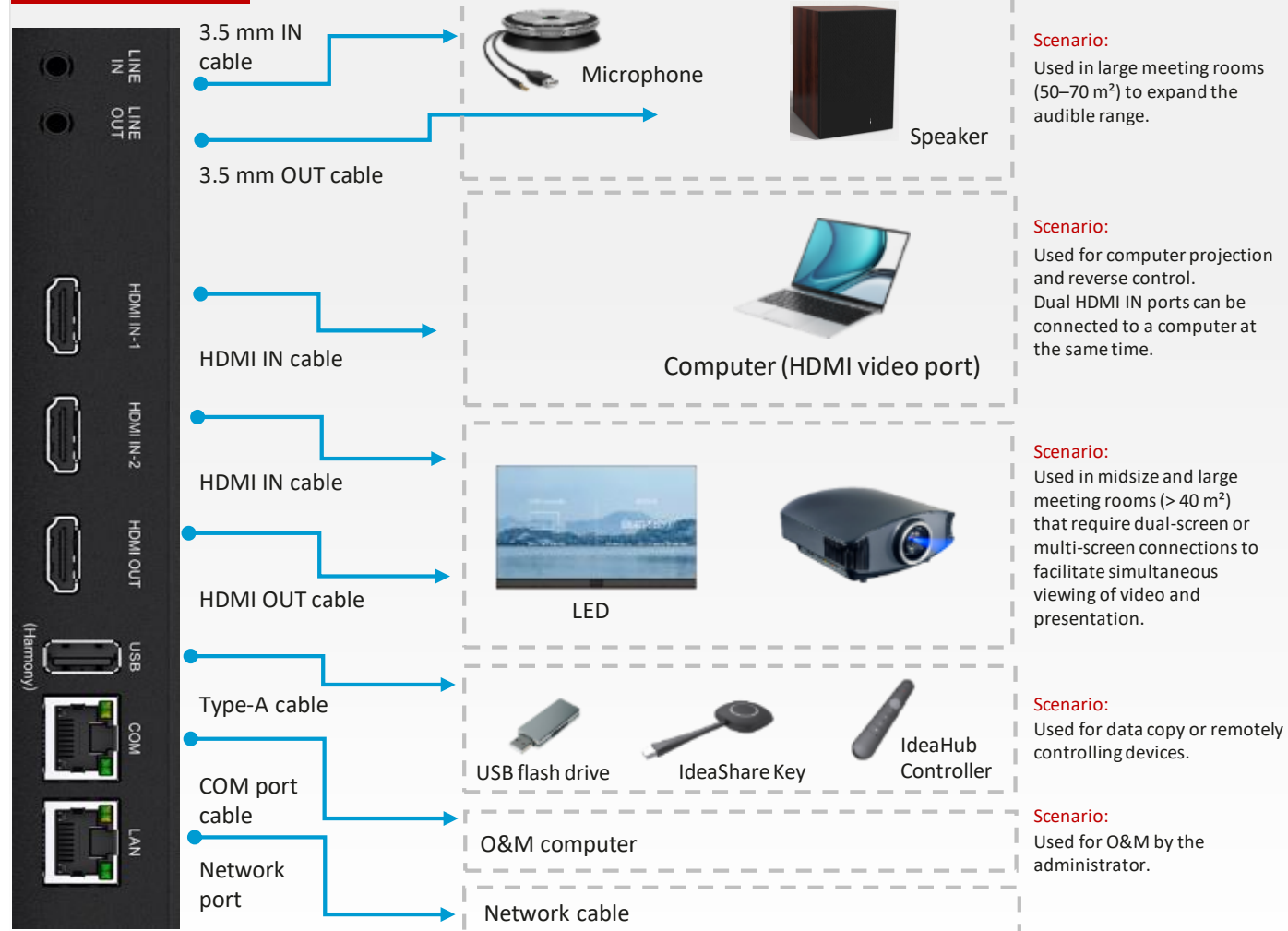
IHUAWEI IdeaHub B3 Cabling Diagram



1 Front panel



2 Side panel



HUAWEI IdeaHub B2

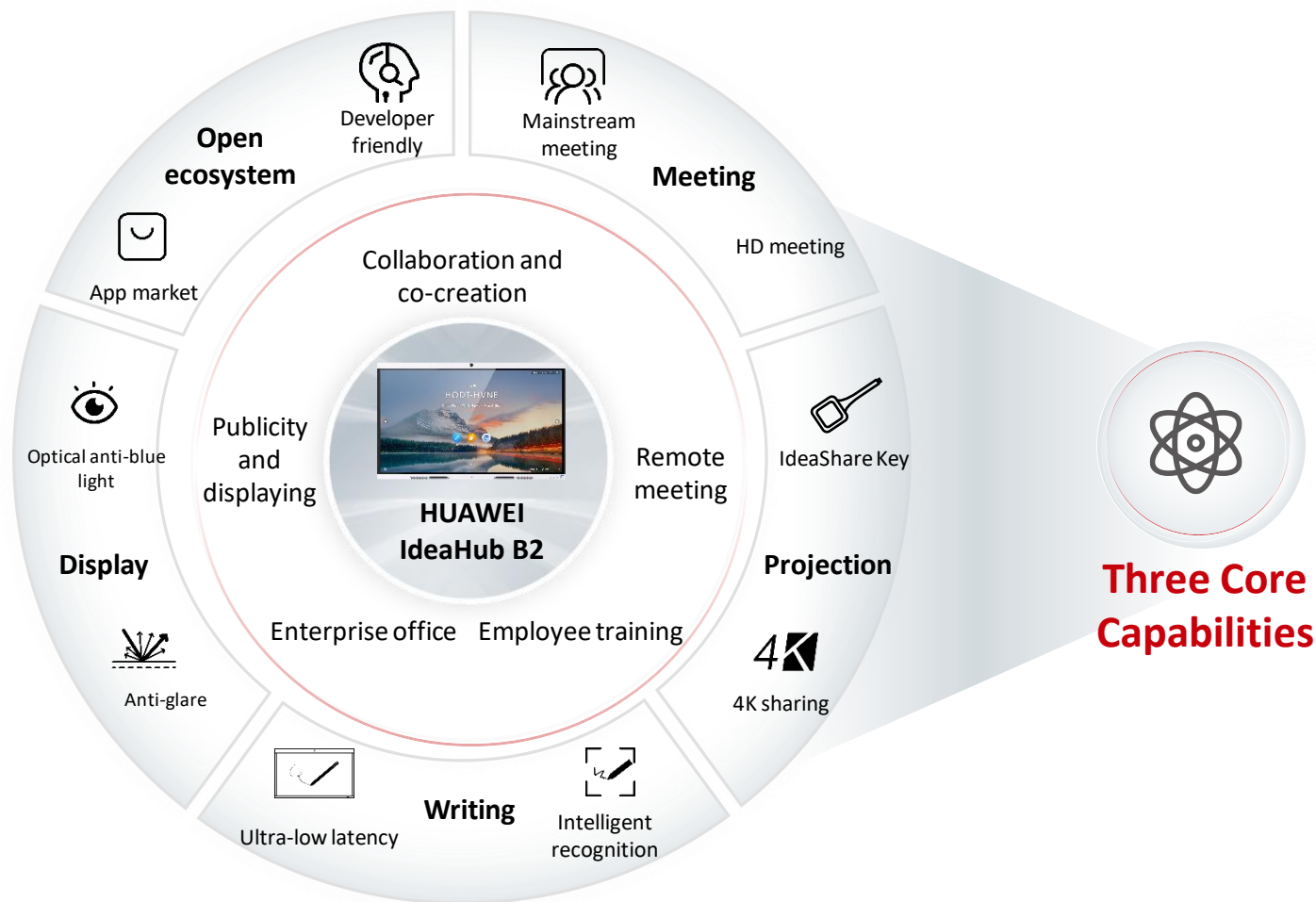
Designed for Efficient Working

The all-in-one inclusive model is built on the next-gen hardware platform. It features HD cloud conferencing, dual Wi-Fi design, and all-new stylus pen and IdeaShare Key to comprehensively upgrade projection and whiteboard writing experience. It fits perfectly in any smart office environment for small and medium-sized enterprises (SME).



65"/75"/86"

• HUAWEI IdeaHub B2



HD cloud conferencing

- Professional-grade 4K camera for video conferencing
- Cloud conferencing adaptation
- 3D stereo field

Intelligent writing

- 25 ms low latency for smooth writing
- High-precision intelligent recognition of text and graphics
- Scan to take away contents using various apps

Dual Wi-Fi for upgraded projection

- AP/Station separation design for stable connection
- IdeaShare Key 2.0: plug and play with USB Type-C port
- Reverse control supported by multiple projection methods

All-in-One Design Breaks Boundaries

4K

4K display with **0 color cast**

Eye protection with optical anti-blue light

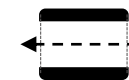


Dual-system one-tap switchover

OPS swap-free



PET fine-tipped, wear-resistant pen
Anti-slip surface, comfortable to grip



Seamless **zero gap bonding**

Ultra-narrow frame for immersive viewing experience



Simplified operations

Front NFC, USB-C, USB 3.0, and power button

4K Soft Light Screen with Optical Anti-blue Light Protection

4K UHD display, eliminating color cast

Hardware-level physical anti-blue light

Flicker reduction, providing certified eye comfort



TÜV Rheinland Low Blue Light Certification

TÜV Rheinland Eye Comfort Certification



Built-in 4K Camera for HD Meetings

Camera resolution: 4K

Image distortion < 2%

2-hour heat balance

3000-hour high temperature test

Ultra-HD

Stimulating 1000+ office scenarios
Fit perfectly in any room without image edge distortion

Long-term stable running



1.5 μm optical sensor

Doubled signal-to-noise ratio (SNR), providing better image quality.



Optimal imaging of video meetings

FOV 80° angle to cover more participants



High-stability glass-plastic lens

Clear images for long-time usage



4K resolution

Sharp and clear images



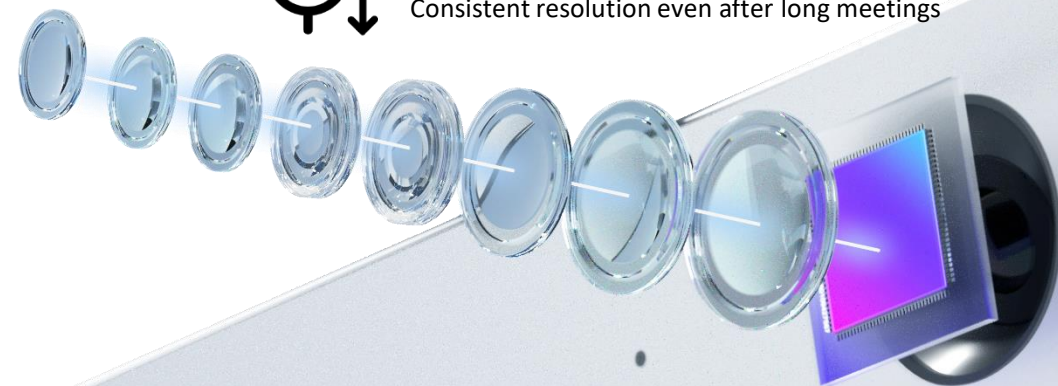
More natural imaging

Huawei-developed algorithm, TV distortion < 2%



Circulating heat dissipation design

Consistent resolution even after long meetings



High-fidelity Stereo Sound for Premium Sound Quality

550 cm³ ultra-large sound cavity

3D stereo field for premium sound quality

100 Hz to 20 kHz wide frequency domain

Authentic sound with rich details

Max. 95 dB sound pressure level for optimal loudness

Clear sound in big rooms



Wired and Wireless Projection Adapts to Mainstream Devices

Dual-band and dual-Wi-Fi module, no interference between internet connection and projection



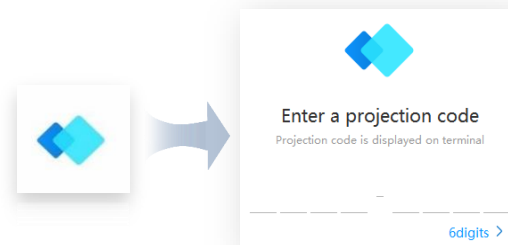
Wired projection

- Type-C cable
- HDMI cable



App-free projection

- Projection through the drop-down menu¹
- NFC projection²



IdeaShare app³

- Compatible with Android, iOS, Windows, and macOS
- One code on one screen, without interfering other devices



IdeaShare Key 2.0⁴

- Compatible with Windows and macOS
- Type-C port, driver-free, and plug-and-play

Note:

1. The projection from the drop-down menu feature is compatible with Huawei phones running on EMUI 10.1.0 or later, Magic UI 3.1 or later, and HarmonyOS 2.0.0.
2. This feature is supported by Huawei Mate 40 series running EMUI 11.0.0.135 or later, and other Huawei phones running EMUI 11.0.0.150 or later, and HarmonyOS 2.0.0
3. IdeaShare app can deliver a presentation sharing effect of up to 4K 30 fps in Windows.
4. IdeaShare Key 2.0 is supported in Windows 7, macOS 10.13.6, or later versions. In the Windows, the presentation sharing quality can reach up to 4K 30 fps. This feature will be supported in Q3 2022.

Intelligent Writing, Delivering Quality Writing Experience



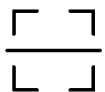
AI handwriting tracking

25 ms writing latency

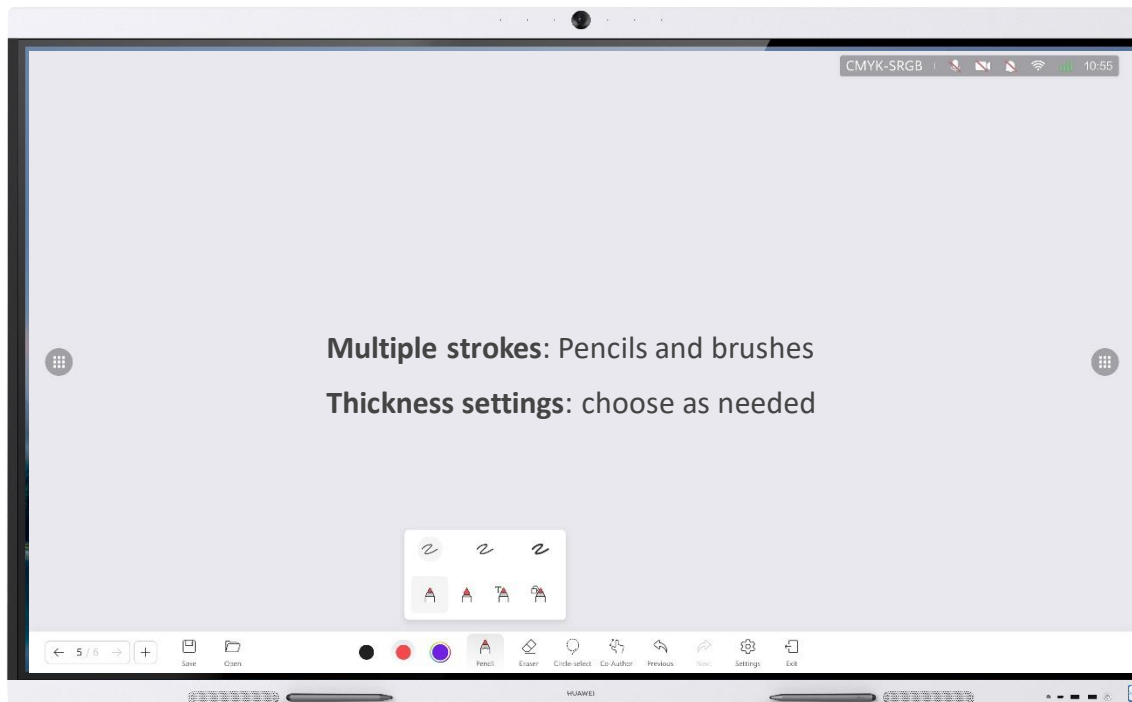


Annotation mode

Insert snapshots in whiteboard to make annotations



Scan to take away



Intelligent writing

Convert handwriting and drawings to text



Multi-touch gestures

Select, move, zoom, and erase



Co-authoring

Two people can write on the whiteboard concurrently



PET stylus pen

PET wear-resistant tip/anti-slip pen body/magnetic attachment

Note:

1. The intelligent writing recognition supports Chinese, English, and 11 types of graphics.
2. On the third-party app or web interface, tap **Toolbar** > **Annotation** at the bottom to make annotations. You can share and save the annotations as needed.
3. Multiple methods are supported to scan the QR code to take the content away, including browser and self-built server.

One-Tap Download of Dedicated Apps



More adaptive apps are coming soon

IdeaHub section in HUAWEI AppGallery



One-tap running of built-in office apps



Multi-Device Collaboration, Making Work Easy

All-in-one collaboration endpoint + intelligent peripherals, enriching the smart office ecosystem



Scenario 1: convenient projection for easy content sharing

1. Using your PC, mobile phone, and tablet as a controller¹
2. Reverse control for multi-end collaboration
3. Scan to take away your annotated screenshots



Scenario 2: quick control at your fingertips

1. One tap to wake up or sleep device and turn on or off the speaker, microphone, and camera
2. Multifunctional laser pointer to highlight your presentation or choose the app you need

Note:

1. When IdeaShare app is used, you can turn your PC, mobile phone, or tablet, to control the speaker, microphone, and camera of the large screen by clicking Remote control.

Refined Intelligent Management for Precise O&M

Centralized management

Unified operations on multiple devices

- Management of millions of devices
- Basic device information configuration
- Remote OTA updates

Device usage statistics

Optimized organizational management

- Application usage statistics

Quick troubleshooting

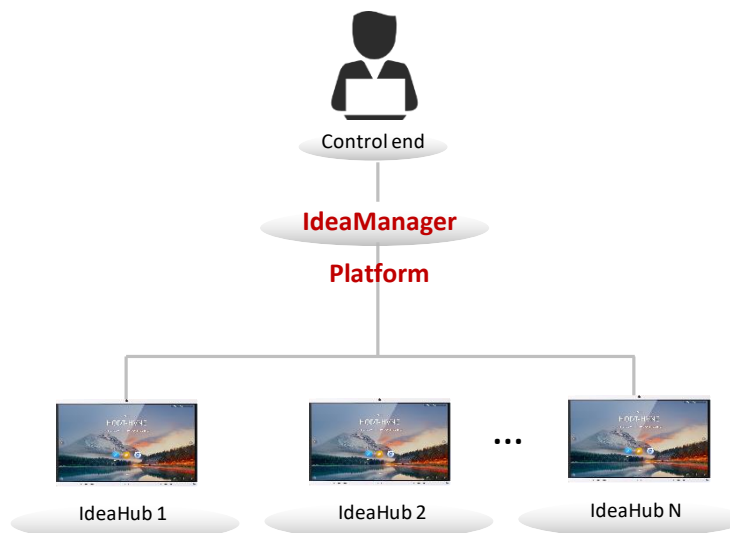
Alarm and log handling

- Device status statistics
- Fault diagnosis and inspection
- Log records

Precise marketing

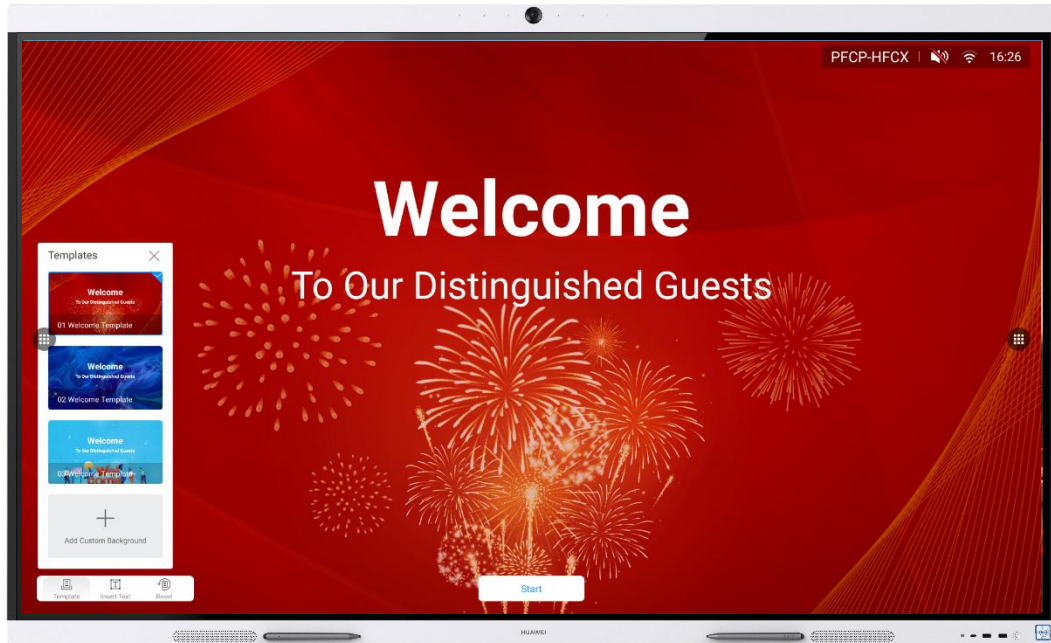
Matching the corporate image

- Bulletin board



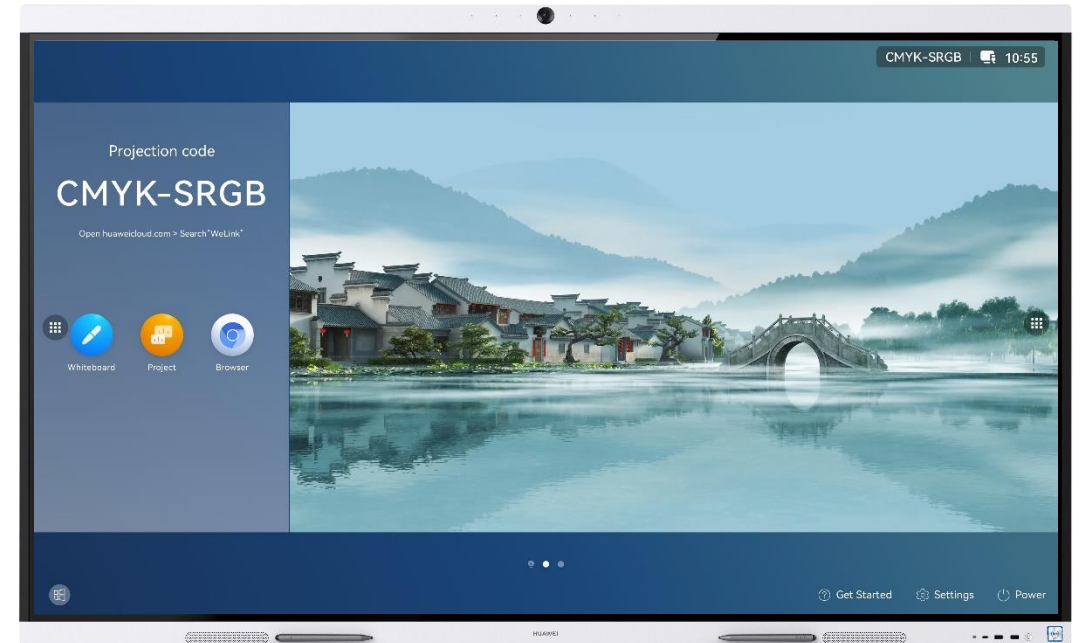
Screen Marketing and Accurate Information Push

Customizable HiBoard



- Customizable templates
- File management and search
- One-tap USB import of new pictures

Dynamic bulletin board



- Unified push and management by IdeaManager
- Allows up to 50 images be played in turn
- Accurate to organizations and regions

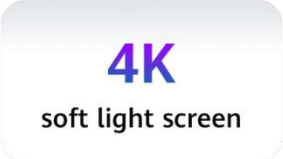
IdeaHub B2: Cost-Effective Product That Covers More Market Space



4K
professional camera



10-meter
ultra-long-distance
sound pickup



4K
soft light screen



HUAWEI
IdeaHub B2
Next-gen IdeaHub for meetings
FHD conferencing | Intelligent whiteboard | Enterprise-level security



Dual Wi-Fi



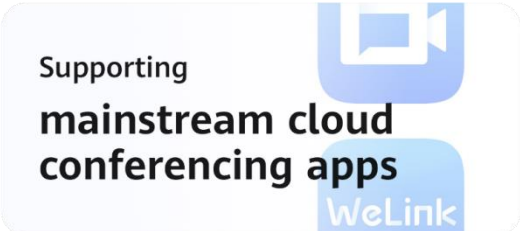
**Extensive
apps**



**Optical
anti-blue
light**
Eye comfort certification
**TÜVRheinland
CERTIFIED**



**Enterprise-
level security**
CCRC certification



Supporting
**mainstream cloud
conferencing apps**
WeLink



25ms
ultra-low writing
latency

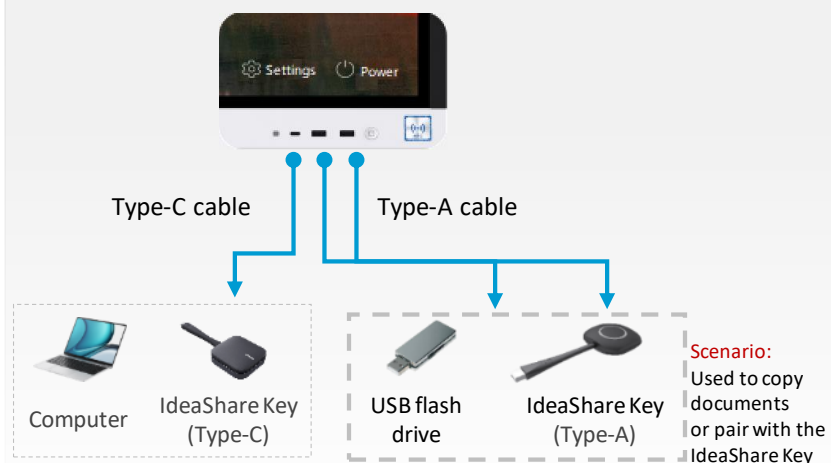


NFC
Supporting various wired/
wireless projection methods

IdeaHub B2 Cabling Diagram Example

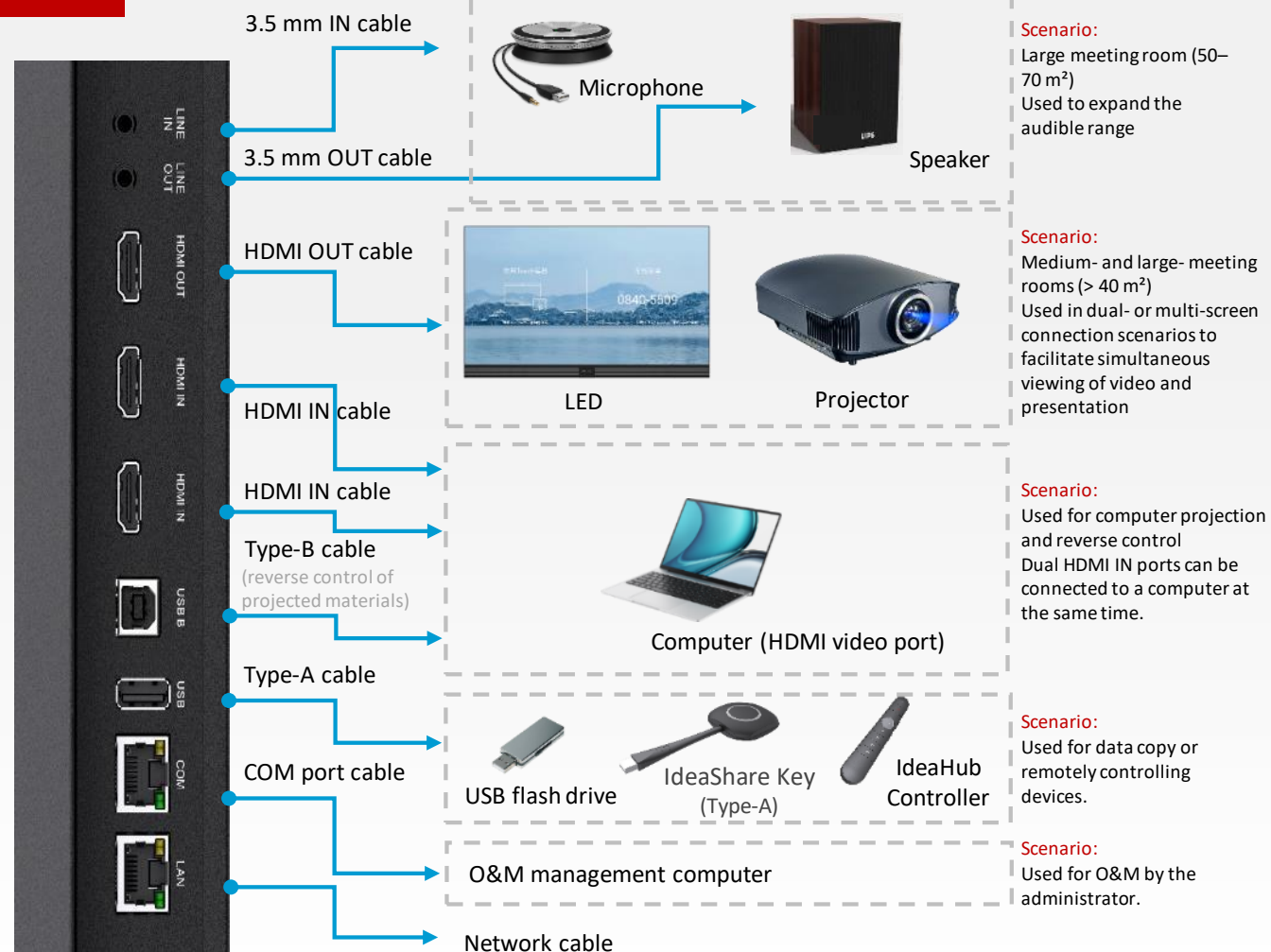


1-Front panel



Scenario: Used for projection from the Type-C port of a computer or projector

2-Side panel



Summary

This chapter describes the following about IdeaHub S2, B3, B2:

- Differences between software and hardware
- Cabling diagrams

More Information

- **IdeaHub bookshelf:**

<https://e.huawei.com/en/material/bookshelf/enterprise-collaboration?ctgry=product&ps=IdeaHub%20S2>

- **IdeaHub S2**

<https://support.HUAWEI.com/enterprise/en/intelligent-collaboration/ideahub-s2-pid-252801407>

<https://support.HUAWEI.com/enterprise/en/intelligent-collaboration/ideahub-s2-pid-252801407/software>

- **IdeaHub B3**

<https://support.huawei.com/enterprise/en/intelligent-collaboration/ideahub-b3-pid-259640379>

<https://support.huawei.com/enterprise/en/intelligent-collaboration/ideahub-b3-pid-259640379/software>

- **IdeaHub B2**

<https://support.HUAWEI.com/enterprise/en/intelligent-collaboration/ideahub-b2-pid-255226421>

<https://support.HUAWEI.com/enterprise/en/intelligent-collaboration/ideahub-b2-pid-255226421/software>

Thank you.

把数字世界带入每个人、每个家庭、
每个组织，构建万物互联的智能世界。

Bring digital to every person, home, and
organization for a fully connected,
intelligent world.

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